

Resource, Conservation & Development Projects

FY 2020 Annual Report

Presented to:

Joint Committee on Capital Improvement

Members:

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June 1, 2020

Department of Natural Resources and Environmental Control
Division of Watershed Stewardship
Conservation Programs Section
Drainage Program

TABLE OF CONTENTS

BACKGROUND.....	3
FUND STATUS.....	3
TABLE 1: SUMMARY OF ALLOCATIONS TO THE FUND.....	3
TABLE 2: EXPENDITURES	4
TABLE 3: TOTAL COUNTY & STATE FUND BALANCES BY COUNTY.....	4
APPROVED AND PROPOSED PROJECTS	5
TABLE 4: PROJECT SUMMARY TABLE.....	5
TABLE 5: PROJECTED PROJECT COSTS SUMMARY TABLE	6
FY2021 COUNTY PRIORITIES.....	6
NEW CASTLE COUNTY	7
KENT COUNTY	9
SUSSEX COUNTY	10
FY2021 FUNDING NEED	12
TABLE 6: SUMMARY OF PROJECTED YEAR END BALANCES.....	12
APPENDIX A: EXPENDITURE REPORT	A-1
APPENDIX B: PROJECTS COMPLETED IN FY2020	
NEW CASTLE COUNTY.....	B-1
KENT COUNTY	B-4
SUSSEX COUNTY	B-6
APPENDIX C: PRIORITIZED APPROVED PROJECTS	
NEW CASTLE COUNTY.....	C-1
KENT COUNTY	C-13
SUSSEX COUNTY	C-19
APPENDIX D: PROPOSED FY21 RC&D PROJECTS	
NEW CASTLE COUNTY.....	D-1
KENT COUNTY	D-3
SUSSEX COUNTY	D-5

Fiscal Year 2020 Annual Report

Resource, Conservation, and Development Fund

Background

The Resource, Conservation and Development (RC&D) Fund was established by the Twenty-First Century Fund Investments Act of 1995 that resulted from a settlement with the State of New York. The RC&D portion of the Act was created to provide funding to enhance the health of communities by improving watershed and drainage infrastructure statewide. The fund is implemented by a partnership between the Department of Natural Resources and Environmental Control (DNREC) and Delaware's three Conservation Districts. The New Castle Conservation District takes the lead on projects located in New Castle County. Historically, DNREC has taken the lead on projects in Kent and Sussex Counties with assistance from the Kent and Sussex Conservation Districts. Beginning Mid-FY2020 Kent and Sussex Conservation Districts have become leads on a portion of the prioritized projects lists as assigned by DNREC to increase the number of projects constructed. The amount the districts will receive in FY21 will be dependent on final legislative funding level.

Fund Status

Over \$75 million has been allocated to the fund since 1996. Table 1 summarizes the breakdown of allocations by county.

Table 1: Summary of allocations to the fund

	New Castle	Kent	Sussex	Total
FY 1996 – FY 2009	\$44,552,468	\$6,503,822	\$11,311,984	\$62,368,275
FY 2016	\$1,350,458	\$427,730	\$1,221,812	\$3,000,000
FY 2017	\$1,795,962	\$533,784	\$1,483,054	\$3,812,800
FY 2019	\$1,890,000	\$756,000	\$1,554,000	\$4,200,000
FY 2020	\$2,300,000	\$875,000	\$1,825,000	\$5,000,000
Total	\$51,888,888	\$9,096,336	\$17,395,850	\$78,381,075

The DNREC Drainage Program, with the Conservation Districts, completed 59 projects in FY 2020. Table 2 is an excerpt from the RC&D Fund Expenditure Report (Appendix A). It shows the funds expended between FY 2015 and FY 2020; a total of 295 projects were completed in this period, despite record rainfall in calendar year 2018 and the first half of calendar year 2019. A list of the projects that have been completed in FY 2020 is contained in Appendix B. The lists are reported by county and contain the total project cost and the legislative district where the project was located. Projects that DNREC or

one of the Conservation Districts is recommending be discontinued or removed from the approved list are also included in Appendix B.

Table 2: Expenditures

	New Castle		Kent		Sussex		Statewide
Total (FY 1996 – FY 2014)	\$	41,457,200	\$	4,729,014	\$	9,339,501	\$ 55,525,715
FY 2015	\$	1,309,287	\$	563,513	\$	586,974	\$ 2,459,775
FY 2016	\$	1,448,683	\$	568,644	\$	1,187,668	\$ 3,204,996
FY 2017	\$	1,315,066	\$	460,894	\$	541,334	\$ 2,317,294
FY 2018	\$	1,364,087	\$	206,186	\$	766,920	\$ 2,337,193
FY 2019	\$	1,002,390	\$	374,005	\$	1,533,732	\$ 2,910,127
FY 2020	\$	1,958,758	\$	44,422	\$	263,936	\$ 2,267,116
Total	\$	49,855,471	\$	6,946,679	\$	14,220,065	\$ 71,022,215

Table 3 summarizes the remaining balance of RC&D program funds as of April 30, 2020. Epilogue language requires, once funding is allocated to a particular county, that funding can only be spent within that county. It is important to consider the remaining balances within each county, rather than the remaining balances statewide. Unexpended funds are allocated dollars that have not been spent by DNREC. Encumbered funds are funds that are unspent, but committed to another entity, including the Conservation Districts, through a signed agreement or contract. Unencumbered funds are unspent funds that are available to be committed to a project through agreement or contract. One way to think of unencumbered funds is to view them as dollars available for future work.

Table 3: Total county & state fund balances by county

	Unexpended	Encumbered	Unencumbered
New Castle	\$3,835,791	\$3,835,791	\$0
Kent	\$2,149,658	\$1,256,867	\$892,791
Sussex	\$3,175,784	\$2,034,231	\$1,141,553
Statewide	\$9,161,234	\$7,126,889	\$2,034,344

Although, there are balances remaining for each county, the work currently planned in New Castle County and Sussex County exceeds available funding. The next section of this report provides an explanation of FY 2021 work planned in each county.

Approved and Proposed Projects

Each year DNREC, in consultation with the Conservation Districts, prepares a list of prioritized projects in each county (Appendix C). Project prioritization is used as a tool to guide project development. However, it is an ongoing process that is flexible and allows funds to be directed to the projects that are most critical. The following factors are considered when prioritizing projects.

- Public Safety
- Frequency of Flooding
- Status of Project
- Property Damage
- Ability to Leverage Additional Funds
- Age of Project

DNREC monitors the Statewide Drainage Concern Hotline, which provides a single point of contact to help constituents get assistance from the agency best suited to address their drainage issues. Constituent concerns not related to stormwater management and on private property are generally assigned to the DNREC Drainage Program in Kent and Sussex Counties, and the New Castle Conservation District in New Castle County, for investigation. Concerns that are investigated may be added to the list of proposed projects, if deemed appropriate. Table 4 provides a summary of active and proposed projects.

Table 4: Project Summary Table

	New Castle	Sussex	Kent	Total
Approved	530	267	213	1,010
Proposed	75	10	11	95
Total	605	277	224	1,105

There are now 1,010 projects that have been approved by the Joint Committee on Capital Improvement. Appendix D includes an additional 95 proposed projects that DNREC is recommending for approval. The total cost of just the proposed projects is over \$6.2 million. The proposed additions to the list already exceed the FY 2020 appropriation further increasing the funding deficit for future projects.

It is estimated that the total cost to complete all 1,105 active and proposed projects as described herein is \$105 million. If all projects are matched at the minimum requirement, (10%), then \$95 million of RC&D funds will be required to construct these projects. When including the \$9 million of unexpended RC&D funds, an additional \$86 million of RC&D funds will be needed to solve watershed and drainage issues identified in this report. DNREC is not suggesting an appropriation of \$86 million because there is not enough capacity to expend those dollars. However, the \$86 million is a useful reference to understand the statewide need for assistance with watershed and drainage issues. Table 5 summarizes the estimated funding to complete the active and proposed projects.

Table 5: Projected Project Costs Summary Table

	Approved Projects Est. Cost	FY21 New Projects Est. Cost	Est. Cost All Projects	RC&D Funds Required	RC&D Unexpended	Unfunded
New Castle	\$46,581,238	\$5,553,200	\$52,134,438	\$46,920,994	\$2,033,416	\$44,887,578
Kent	\$17,228,402	\$378,500	\$17,606,902	\$15,846,212	\$2,149,658	\$13,696,554
Sussex	\$35,265,750	\$322,500	\$35,588,250	\$32,029,425	\$3,175,784	\$28,853,641
Total	\$99,075,390	\$6,254,200	\$105,329,590	\$94,796,631	\$7,358,859	\$87,437,772

Fiscal Year 2021 Priorities

The DNREC and the Conservation Districts do not have the capacity to complete all of the approved projects in a single year. Therefore, as part of the project prioritization process, we look at the fiscal year ahead and develop priorities to estimate the funding needs in each county. As expected, the Prioritized Project List and Annual Priorities for each county can change over the course of any given year. Changes in priority may result from a few reasons including severe weather events, threat/risk to public safety, disapproval of essential landowners within the project scope, and/or the opportunity to leverage RC&D funds to obtain additional dollars for implementation. The DNREC and the Conservation Districts look for opportunities to leverage RC&D funds through grants; some grant programs have lengthy application and approval requirements which can delay project implementation. If a particular project meets grant criteria, it may be prioritized in order to take advantage of the opportunity. RC&D funds have been used to leverage federal dollars through the Chesapeake Bay Implementation Grant and the Section 319 Grant. Projects have also taken advantage of surface water planning grants from the Water Infrastructure Advisory Council and the National Fish and Wildlife Federation. The next three sections explain the priorities of each of the three counties as we move into FY 2021. These priorities are developed without consideration of available funding.

New Castle County Priorities FY 2021

This section explains what projects New Castle Conservation District and DNREC anticipates working on in FY 2021. This plan was developed with the assumption that funds are available. As always, it is worth noting that projects require 100% agreement from landowners. As such, the time required to obtain landowner agreement may affect the construction schedule.

Projects Currently Under Construction

- **Elsmere – Sycamore Avenue** – Installation of an enclosed stormwater drainage system
- **Simonds Gardens** – Construction of the 2nd and 3rd phases of the upgraded drainage systems began in May. Construction of the 1st phase was completed in March.
- **Scottfield – Dawson Drive Community Drainage Improvement** – Excavation and regrading of 2,200' of existing drainage ditches to reduce street and property flooding is underway.

Projects Approaching Construction (i.e. fully funded)

- **Marshallton – Washington Street Drainage Improvements** – Engineering plans for the installation of an enclosed stormwater drainage system is complete and out for landowner agreements.
- **Wiggins Mill Pond Structures** – Water quality and structural improvements to the pond inlet and stream are close to final design followed by the permitting phase.
- **Covered Bridge Farms – Trotters Turn** – Proposed water quality and stream stabilization improvements are awaiting permit approvals by DNREC and the US Army Corps of Engineers.
- **Upper Pike Creek Road Stream Restoration** – Restoring a stream channel while relocating outbuildings and improvements constructed by the adjoining property owner on a parcel formerly owned by the developer and now under the control of NCC.
- **Pennock Road-Pike Creek Road Drainage Improvements** – Installation of a multi-property system includes the installation of a drainage outlet beneath the access road to St. Marks High School and adjacent cemetery.

Key Projects in the Development Phase

- | | |
|---|---------------------------------------|
| • Odessa National Drainage Improvements | • Carrie Downie School Drainage |
| • Woods Road Tax Ditch | • Woodland Park Drainage Improvements |
| • Countryside Farms Tax Ditch | • Windybush Drainage Study |

Key projects needing funding

- **Port Penn Dike Rehabilitation Project** – Areas of Port Penn are at risk of flooding in the event of changes in the elevation of the Delaware Bay. Complex engineering is necessary to incorporate current and future flood management issues to prepare plans and specifications for a dike reconstruction project.
- **Brandywine Creek Dam Removal Project** – A consortium of conservation groups including Shad 2020, the University of Delaware, Hagley Museum, and others support the removal of over a

dozen dams on the Brandywine and White Clay Creeks with the goal of restoring the historically significant Shad fishery and migration in northern NCC.

- **Independence School Stream Stabilization Study and Project** – This project, when complete, will restore a section of a key tributary of Pike Creek and protect the fire lane access at the rear of the Independence School.
- **Woodland Park Drainage Improvements** – Redesign and restoration of several small tributaries of Little Mill Creek that are impacted by road surface runoff and outdated stormwater management features. Multiple residences in several developments can be impacted during higher intensity rain events.
- **Tilton Park Stormwater Management Park** – Initiated as a community-led project, Tilton Park serves as an inner-city focal point and a vital hub for school-age children and their families. This project will replace and upgrade stormwater management facilities within Tilton Park and possibly the adjacent intersection to redirect stormwater that is flooding the playground and limiting its use. This project could serve as a model for stormwater improvements on other parks throughout the City of Wilmington.

Kent County Priorities FY2021

This section explains what projects Kent Conservation District and DNREC anticipates working on in FY 2021. This plan was developed with the assumption that funds are available. As always, it is worth noting that projects require 100% agreement from landowners. As such, the time required to obtain landowner agreement may affect the construction schedule.

Projects Currently Under Construction

- **Town of Houston Phase I / Breeders Crown** – Drainage Improvements for Breeders Crown development

Projects Approaching Construction (i.e. fully funded)

- **Bush Drive / Morris** – Construction of an open ditch with pipe crossing installation, ready for construction
- **241 South Shore Drive / Green** – Drainage improvements to storm drain system along and South Shore Drive with an outlet towards Moores Lake
- **Wild Quail Phase II** – Stormwater infrastructure maintenance and repair in a portion of the Wild Quail development

Key projects in the Development Phase

- | | |
|---|---|
| • South Bowers Drainage Improvements | • 4948 Halltown Road / Butz |
| • Silver Lake Water Management / DelTech Terry Campus | • 4938 Halltown Road / Carey |
| • Gravelly Run Tax Ditch Main / Severson | • Pearsons Corner Road / Detweiler |
| • Hidden Acres Drainage Improvements | • Walnut Shade Road / Lavender |
| • Smyrna Leipsic Road / Scuse | • Pearson Corner Road / Trice |
| • Commerce Street, Cheswold / Caldwell | • Hazelwood Subdivision Drainage Improvements |
| | • Greenbriar Road / Pennypacker |

Key Projects Needing Funding

- **South Little Creek Road / Little** – Drainage improvements that will require a stream restoration effort as well as a DelDOT road crossing replacement and repair or replacement of an outlet structure on a pond. This project has an estimated cost of \$300,000 and is currently in the scoping phase. Constituents are beginning to reach out regarding the status and this project, funds will need to be committed for field work and engineering time to be committed in proceeding in design development.

Sussex County Priorities FY 2021

This section explains what projects Sussex Conservation District and DNREC anticipates working on in Sussex County during FY 2020. This plan was developed with the assumption that funds are available. As always, it is worth noting that projects require 100% agreement from landowners. As such, the time required to obtain landowner approval may affect the construction schedule.

Projects Under Construction

- **Raccoon Tax Ditch Bank Stabilization** – Stabilization of a tax ditch channel around private crossings

Projects Approaching Construction (i.e. fully funded)

- **Chesapeake, Delaware, and Inland Bays/Atlantic Ocean Violator of Probation Projects** – These projects utilize manual labor from the Sussex Community Corrections Center to remove debris from ditch channels in these three Sussex County watersheds. Over 30 projects have been requested to date for addition to FY 21.
- **Silver Lake Rehoboth Phase II** – Portion of sinkhole was backfilled in Fall of 2019. Pipe to be lined in 2020.
- **Oak Orchard Drainage Improvements - Phase 1 – Mercer Avenue** – drainage improvements to roadside ditches and associated infrastructure in the area of Mercer Avenue with an outfall extension into the Bay
- **Oak Orchard Drainage Improvements - Phase 4 - Captains Grant** – drainage improvements in cul-de-sac areas of Captains Grant and along Route 5, finalizing construction agreements
- **Bear Hole Tax Ditch / Johnson** – Stabilization of a tax ditch channel that is comprising private property, permitting phase
- **Pepper Creek Tax Ditch Bank Stabilization** – Stabilization of tax ditch channel where right-of-way is becoming comprised for maintenance activities, permitting phase
- **Herring Branch Tax Ditch Main / Johnson/McCabe** – replacement of deteriorated private stormdrain and catchbasin system located within the tax ditch system, finalizing construction agreements

Key projects in the Development Phase

- | | |
|--|---|
| • Russell Road / Harris | • Carsyljan Acres / Jordan Phase I |
| • Reid / Delmar Road | • Rd. 550 / Harry Simionick |
| • Old Rauetmack / Malone Drainage | • Trap Pond / White |
| • Mt. Joy Road / Hoopes | • Town of Bethel / Snake Road Drainage Improvements Phase I |
| • Frankford Library/Green Street Drainage Improvements | • Dukes Job Tax Ditch / Morris Bank Stabilization |
| • Little Bay Tax Ditch Oceanside Parkway Culvert Replacement | • Johnson Road (S434A) / Wojciechowski/ McCabe |
| • Heritage Village/Harper -Study | • Woodpecker Rd / Wollschlager Drainage Improvements |
| • Crestfield/Fluharty/ Valentine Drainage Improvements | • Ennis Road / Owens |
| • Anderson Corner Road / Marsh | • Pusey Road / Hudson |
| • Rt. 24 / Harper / Fox Hollow Improvements | • Clearbrooke Estates / Damms |
| | • Denton Manor/Jensen |

Key Projects Needing Funding

Oak Orchard Drainage Improvements – A drainage study of Oak Orchard identified 19 projects to reducing flooding issues in the area. The five highest priority drainage projects identified in the study are currently being designed by AECOM. Four contracts will be issued for the 5 locations and construction will be spread over multiple fiscal years. The Mercer Avenue and Captains Grant Projects have been planned first and funding has been set aside for these projects. However, the other projects will need substantial funding in future years to move forward.

FY 2021 Funding Need

As of April 30, 2020, there are \$2,034,344 of unencumbered funds available for future RC&D Fund projects (refer to Table 3). This balance includes funds appropriated to DNREC and then allocated to each county based upon each county's percentage of the estimated total cost of all projects (refer to Table 6). Epilogue language, in the Bond Bill, requires DNREC to track funds by county and mandates that funds allocated to a county be used within that county.

To determine the FY 2021 funding needs, DNREC has worked with the three Conservation Districts to identify priorities and estimate the funding needed to meet those priorities, as explained in the previous three sections of this report. Table 6 below shows the projected expenditures for each county and then the entire state based upon these priorities.

Table 6: Summary of projected year end balances				
	New Castle	Kent	Sussex	Statewide
FY 2020 Starting Balance	\$3,068,288	\$2,149,658	\$3,325,317	\$8,543,263
FY 2020 Projected Expenditures	\$1,958,757	\$544,422	\$1,463,955	\$3,967,134
FY 2021 Year End Balance	\$1,109,531	\$1,605,236	\$1,861,362	\$4,576,129
FY 2021 Projected Expenditures	\$7,033,050	\$1,312,800	\$1,707,960	\$10,053,810

These projections are based upon the priorities developed by each county and explained in the previous three sections of this report. Many factors impact expenditures including weather, landowner permission, permitting and DNREC's and the conservation district's capacity to plan and manage projects. There is a need for funding based on increased demand and priorities presented in this report.

Appendix A

RC&D 21st Century Fund Expenditure Report

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21st CENTURY DRAINAGE EXPENDITURE REPORT BY FISCAL YEAR BY COUNTY ALL BALANCES
REPORTED ARE ACCURATE AS OF 4/30/2020

	NEW CASTLE	KENT	SUSSEX	TOTAL
ALLOCATIONS				
Allocated - FY1996-FY2009	44,552,468	6,503,822.96	11,311,984.16	62,368,276.51
Allocated FY2016	1,350,458	427,730.00	1,221,812.00	3,000,000.00
Allocated FY2017	1,795,962	533,784.00	1,483,054.00	3,812,800.00
Allocated FY2019	1,890,000	756,000.00	1,554,000.00	4,200,000.00
Allocated FY2020	2,300,000	875,000.00	1,825,000.00	5,000,000.00
Total Allocated	51,888,888	9,096,336.96	17,395,850.16	78,381,075.51
EXPENDITURES				
Expended FY1996 - FY2000 ¹	8,915,505.23	459,453.32	2,794,700.40	12,169,658.95
Expended FY2001	2,828,047.97	1,002,739.97	1,034,837.73	4,865,625.67
Expended FY2002	2,032,709.00	368,542.09	1,073,955.21	3,475,206.30
Expended FY2003	2,294,880.69	408,426.48	657,955.19	3,361,262.36
Expended FY2004	3,822,120.89	289,670.17	516,527.73	4,628,318.79
Expended FY2005	3,351,503.89	199,981.65	521,911.91	4,073,397.45
Expended FY2006	3,424,161.21	257,838.23	94,696.80	3,776,696.24
Expended FY2007	6,103,467.71	150,146.12	219,643.52	6,473,257.35
Expended FY2008	2,866,456.54	177,039.78	360,432.13	3,403,928.45
Expended FY2009	1,523,192.53	51,198.86	424,434.06	1,998,825.45
Expended FY2010	356,680.46	97,794.90	359,652.66	814,128.02
Expended FY2011	1,958,027.79	279,398.81	199,290.88	2,436,717.48
Expended FY2012	705,170.52	223,112.44	108,293.12	1,036,576.08
Expended FY2013	747,352.18	342,501.04	690,257.45	1,780,110.67
Expended FY2014	527,924.11	421,170.61	282,912.79	1,232,007.51
Expended FY2015	1,309,287.48	563,513.23	586,973.82	2,459,774.53
Expended FY2016	1,448,682.90	568,644.41	1,187,668.40	3,204,995.71
Expended FY2017	1,315,066.12	460,894.13	541,334.10	2,317,294.35
Expended FY2018	1,364,086.61	206,185.89	766,920.26	2,337,192.76
Expended FY2019	1,002,389.99	374,004.83	1,533,732.23	2,910,127.05
Expended FY2020	1,958,757.97	44,422.08	263,935.58	2,267,115.63
Total Expended	49,855,472	6,946,679	14,220,066	71,022,217
Allocated Unexpended Balance	2,033,417	2,149,658	3,175,784	7,358,859
Allocated Open Encumbrances	2,033,417	1,256,867	2,034,231	5,324,515
Allocated Unencumbered Balance	0	892,791	1,141,553	2,034,344

¹ Not tracked by fiscal year by county for first 5 years

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Appendix B
Projects Completed in FY2020

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Completed Resource Conservation and Development Projects **21st Century Fund** **New Castle County**

Fiscal Year Approved	Project Name	Total Expended	Rep. Dist	Sen. Dist
Completed Projects FY2020 to date				
2015	Dunleith - 422 Bethune Drive	\$ 14,850.00	16	2
2016	Melody Meadows - 70 Stardust Drive	\$ 14,350.00	27	10
2017	Gender Woods - Cypress Drive	\$ 63,300.00	24	11
2017	Little Falls Village	\$ 96,000.00	4	7
2017	Melody Meadows - 120 Cann Road	\$ 24,700.00	27	10
2017	Pleasant Valley Estates - Bartley Drive	\$ 25,300.00	27	10
2018	Caravel Farms - 304 Caravel Drive	\$ 33,250.00	27	12
2018	Chandeleur Woods- Niobrara Lane	\$ 10,000.00	15	12
2018	River Walk - Darling Street & Charles Court Drainage	\$ 28,500.00	26	11
2018	River Walk - Darling street & Lisa Drive	\$ 35,200.00	26	11
2018	Riveredge Estates Bio-Swale	\$ 11,500.00	17	12
2018	Rutherford - 107 Greenfield Road	\$ 10,000.00	18	9
2018	Rutherford - 107 Rutherford Drive	\$ 10,000.00	18	9
2018	Rutledge - Marlin Court	\$ 26,000.00	5	13
2018	Simonds Gardens Drainage Study	\$ 85,000.00	16	2
2018	Westover Hills - 703 Westover Road	\$ 9,700.00	4	4
2019	255 Union Church Road	\$ 28,650.00	9	14
2019	866 Black Diamond Road	\$ 106,850.00	9	14
2019	3734 Kirkwood Highway - Bulls Eye	\$ 110,000.00	19	7
2019	Beech Hill - 41 Beech Hill Drive	\$ 18,500.00	22	8
2019	Brandywood - 2611 Pennington Drive	\$ 47,200.00	10	5
2019	Breezewood - Eastwind Court	\$ 41,900.00	24	11
2019	Caravel Farms - 30 Kimmie Court	\$ 36,200.00	27	12
2019	Caravel Woods - McMahon Drive	\$ 17,900.00	6	12
2019	Centennial Village - 15 Warren Place	\$ 6,500.00	5	13
2019	Channin - 2403 Ramblewood Drive	\$ 19,400.00	10	5
2019	Colonial Park - 107 Atkins Avenue	\$ 97,700.00	13	3
2019	Colonial Park - 18 Atkins Avenue	\$ 62,250.00	13	3
2019	Cooper Farms - 12 Cornell Road	\$ 33,700.00	19	7
2019	Dunleith - 422 Carver Drive	\$ 19,700.00	16	2

2019	Graylyn Crest - 1813 Jaybee Drive	\$ 15,700.00	6	5
2019	Green Valley - 911 8th Street	\$ 27,700.00	21	9
2019	Jarrell Farms - 7 Jarrell Farms Drive	\$ 11,500.00	22	8
2019	Lindamere 503 River Road	\$ 39,800.00	6	1
2019	Melody Meadows - 84 Stardust Drive	\$ 17,350.00	27	10
2019	Stone's Throw - Cobble Creek Curve	\$ 10,000.00	25	10
2019	The Millrace - 649-657 Millrace Lane	\$ 102,000.00	12	4
2019	Timber Farms - 618 - 630 Timber Wood	\$ 60,900.00	26	11
2019	Whitebriar - 731 & 737 Whitebriar Road	\$ 29,600.00	12	4
2019	Whitehall - 152 W. Edinburgh Drive	\$ 38,400.00	18	13
2019	Woodburne - 33 Elks Trail	\$ 12,700.00	5	13
2019	Woodland Park - 2109 Peachtree Drive	\$ 16,500.00	4	7
2020	Sherwood Forest Stream Restoration	\$ 130,000.00	7	5
Totals	43 Projects	\$1,656,250.00		
Projects Recommended for Discontinuation				
2019	2404 North Grant Avenue		4	1

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Completed Resource Conservation and Development Projects

21st Century Fund

Kent County

Fiscal Year Approved	Project Name	Total Expended	Rep. Dist	Sen. Dist
Completed Projects FY2020 to date				
2014	Viola Phase II drainage improvements	\$ 72,887.44	30, 34	15, 16
2018	Prospect Tax Ditch Main	\$ 45,472.50	30	15, 18
2003	Willow Grove Road / Blackwell	\$ 35,660.67	29	15
2017	Leipsic Tax Ditch Dip Out	\$ 10,800.00	28	14
1999	Bowers Beach Road / Mallek Phase II	\$ 47,952.96	33	16
2013	Shaws Corner Road / Miller / Tracy	\$ 32,500.00	11	15
2011	Lane View Drive, Scenic Acres / Sak	\$ 7,131.84	30	18
2015	Wheatley's Pond Road / Durham	\$ 24,528.24	29	15
Totals	8 Projects	\$ 276,933.65		
Projects Recommended for Discontinuation				
Fiscal Year Approved	Project Name	Reason for Discontinuation	Rep. Dist	Sen. Dist
2018	Hudson Branch Rd / Taubler	Completed by DeIDOT	33	16
2019	Shore Shore Drive / DeIDOT	Completed by DeIDOT	34	16
2017	54 West Huntington / Lundy Phase I	Completed by DeIDOT	29	15
2016	1142 Lynnbury Rd. / Knieriem	Completed by Landowner	29	15
2018	48 Joshua Dr (Church Creek Subd.)	Completed by Other Entity	33	16
2019	Elizabeth Avenue / O'Conner	Completed by DeIDOT	34	16
2019	Judith Road / Guzzie	Completed by Other Entity	29	15
2016	5402 Mud Mill Rd / Strouse	Completed by Other Entity	30	15

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Completed Resource Conservation and Development Projects

21st Century Fund

Sussex County

Fiscal Year Approved	Project Name	Total Expended	Rep. Dist	Sen. Dist
Completed Projects FY2020 to date				
2017	Elliott-Nichols Tax Ditch Main Channel Pipe Replacements	\$ 42,622.42	40	21
2006	Highland Acres Tax Ditch Maintenance Dipout	\$ 65,000.00	20	6
1997	Johnson Development Phase II	\$ 1,269,802.92	39	21
2014	Argyle Lane / Fise / Gugerty Drainage Improvements Phase I	\$ 768.00	38	20
2020	Gentle Winds / Bear Hole Tax Ditch	\$ 20,466.83	38	20
2017	Bucks Branch Tax Ditch / Bruce's Welding Repair	\$ 14,064.00	39	19
2006	Racoon Tax Ditch Bank Stabilization	\$ 14,850.00	40	21
Totals	7 Projects	\$ 1,427,574.17		
Projects Recommended for Discontinuation				
Fiscal Year Approved	Project Name	Reason for Discontinuation	Rep. Dist	Sen. Dist
2020	Pepper Creek / Jerry Green	Resolved through CTF	41	20
2013	Bayview Rd / Simmons	Resolved through CTF	14	18
2020	Keenwick By the Bay Catch Basin	Resolved through CTF	38	20
2015	Branchview/ Niblett - Phase 1	Resolved through CTF	39	20
2020	Robin Hood Rd / Delmar	Resolved through CTF	40	21
2020	Shiloh Chruch Rd	Resolved through CTF	40	21

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Appendix C

Prioritized Approved Projects

Status Key

Construction – Notice to proceed has been issued

Contracting – Process of obtaining contractor and purchase orders

Funding – needs additional funds to move forward (21st Century or Match)

Land Rights – Obtaining landowner permission

Permitting – Obtaining environmental permits

Engineering – Surveying and Design

Scoping – Project scope development & and permission to survey

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Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
1	2020	Woodland Run Park Drainage Improvements	Stream restoration and improvements	Funding	\$ 800,000.00	26	11
2	2014	Port Penn Dike Rehabilitation	Rehabilitate dike	Funding	\$ 3,000,000.00	9	14
3	2019	Simonds Gardens Drainage Improvements	Drainage improvements	Construction	\$ 391,600.00	16	2
4	2018	Odessa National Study Phase 1 and 2	Study	Scoping	\$ 60,900.00	9	14
5	2020	Marshallton Drainage Study	Study	Engineering	\$ 60,000.00	19	7
6	2020	Marshallton - Washington Avenue	Drainage improvements	Engineering	\$ 175,000.00	19	7
7	2015	Marshallton - Old Capitol Trail	Drainage improvements	Engineering	\$ 225,000.00	19	7
8	2020	207 Wiggins Mill Road	Install control structures at the ponds	Engineering	\$ 160,000.00	11	14
9	2019	Covered Bridge Farms - 5 Trotters Turn	Stream restoration	Engineering	\$ 275,000.00	23	8
10	2020	Upper Pike Creek Road Stream Restoration	Stream stabilization	Engineering	\$ 130,000.00	22	4
11	2015	Elsmere - Sycamore Avenue	Install closed drainage system	Construction	\$ 408,300.00	13	7
12	2017	Edgemoor Gardens - Rysing Drive	Install closed drainage system	Engineering	\$ 238,000.00	6	1
13	2008	Bayview Beach flood protection	New Castle County project in partnership with NCCD	Construction	\$ 750,000.00	9	14
14	2020	Carrie Downie School Drainage	Drainage Study	Scoping	\$ 25,000.00	16	12
15	2015	Red Mill Farms - 14 to 20 Andries Road	Repair erosion with bank stabilization.	Engineering	\$ 62,900.00	24	9
16	2017	Timber Farms - 623 Timber Wood Blvd.	Install closed drainage system	Engineering	\$ 25,100.00	26	11
17	2018	Brandywood - 2133 Brandywood Drive	Install closed drainage system.	Engineering	\$ 27,000.00	10	5
18	2018	Heather Woods - 5 Pine Court	Install closed drainage system	Engineering	\$ 18,200.00	26	11
19	2018	Sycamore Gardens - Brewster Drive	Clean and regrade ditch	Engineering	\$ 16,700.00	24	9
20	2019	Enclave at Odessa - Barcelona & Madrid	Regrade swale	Engineering	\$ 45,800.00	9	14
21	2019	Hickory Woods - North Hickory Drive	Clean and regrade ditch	Engineering	\$ 114,700.00	27	12
22	2019	Odessa National - Loft Street	Install closed drainage system	Engineering	\$ 40,200.00	9	14
23	2019	Sherwood Forest - 39 Stature Drive	Regrade yard to drain	Engineering	\$ 9,300.00	24	9
24	2019	Sunnybrae - 13 Crenshaw Drive	Stream stabilization	Engineering	\$ 39,200.00	10	5
25	2020	1112 Smyrna Landing Road	Clean and regrade ditch	Engineering	\$ 23,500.00	9	14
26	2020	Brookmeade - Redstart Court	Install closed drainage system	Engineering	\$ 32,700.00	4	7
27	2020	Caravel Farms - Forrestal Drive	Clean and regrade ditch	Engineering	\$ 33,900.00	27	12
28	2020	Kirkwood Gardens - 2414 Hammond Place	Stabilize slopes	Engineering	\$ 25,000.00	19	7
29	2020	Mariners Watch -157 & 159 Portside Court	Regrade area to drain	Engineering	\$ 13,900.00	15	12
30	2020	Meadow Glen Ditch	Regrade ditch	Engineering	\$ 22,500.00	27	12
31	2020	Melody Meadows - Misty Court	Clean Ditch and Install Driveway Pipes	Engineering	\$ 41,500.00	27	10
32	2020	Oak Hill School Road - Ditch	Clean and regrade ditch	Engineering	\$ 37,000.00	11	14
33	2020	Pike Creek Road and Pennock Road	Install closed drainage system	Engineering	\$ 85,000.00	21	9
34	2020	River Ridge - Villa Road	Install closed drainage system	Engineering	\$ 100,000.00	6	1
35	2020	Stonefield - 21 Mica Street	Regrade ditch	Engineering	\$ 37,500.00	9	14
36	2020	Timber Farms - Timber Wood Blvd.	Install underdrain and grade	Engineering	\$ 55,000.00	26	11
37	2020	Westover Hills - Hopeton Road	Clean ditch	Engineering	\$ 23,900.00	4	4
38	2020	Westridge - 512 Thorndale Drive	Install ditch	Engineering	\$ 26,600.00	12	8
39	2017	1609 Joe Goldsborough Road	Install ditch	Construction	\$ 72,000.00	11	14
40	2019	North Star - 210 Mercury Road	Install closed drainage system	Construction	\$ 100,400.00	22	8
41	2020	Ashbourne Hills - 11 East Dickens Drive	Install closed drainage system	Construction	\$ 42,000.00	7	1
42	2020	Augustine Hills - Stone Hill Road	Curb Replacement	Construction	\$ 48,600.00	4	4
43	2020	Augustine Ridge - Rock Manor Avenue	Drainage improvements	Construction	\$ 67,000.00	4	4
44	2020	Dartmouth Woods - 31 Ross Road	Install swale and regrade yard to drain	Construction	\$ 19,500.00	10	5
45	2020	Duncan Woods - 3731 Wild Cherry Lane	Install closed drainage system	Construction	\$ 146,600.00	19	8
46	2020	Harvey Run - Nikhil Court	Install closed drainage system and underdrain	Construction	\$ 37,500.00	7	1
47	2020	Heatherbrooke - 2407 E. Heather Road	Install closed drainage system and underdrain	Construction	\$ 66,200.00	6	5
48	2020	Rose Hill - 16 Crimson King Drive	Install ditch	Construction	\$ 13,600.00	27	10
49	2020	Village of Red Lion Creek	Clean ditch	Construction	\$ 49,700.00	15	12
50	2019	1940 Rising Sun Lane	Install drainage system	Construction	\$ 90,500.00	4	1
51	2018	Country Woods - 202 Timber Knoll Drive	Place swale	Construction	\$ 18,500.00	15	13
52	2018	Fox Hunter Crossing - 401 Draper Drive	Install catch basin and regrade swale	Construction	\$ 22,500.00	8	10
53	2019	1012 Jamison Corner Road	Drainage improvements	Construction	\$ 44,000.00	9	12
54	2019	Alapocas - 17 & 19 Granite Road Drainage	install closed drainage system	Construction	\$ 32,000.00	4	4
55	2019	Augustine Ridge Drainage	install closed drainage system	Construction	\$ 36,200.00	4	4
56	2019	Beech Hill - 47 Beech Hill Drive	Install closed drainage system	Construction	\$ 33,400.00	22	8
57	2019	Brack Ex - 121 Exmore Avenue	Install closed drainage system	Construction	\$ 16,700.00	13	7
58	2019	Great Good Place II - 117 Great Circle Road	Install rip rap	Construction	\$ 20,500.00	22	8
59	2019	Harmony Crest Sec II - 108 Piano Drive	Install closed drainage system	Construction	\$ 16,000.00	18	9
60	2019	Highland Woods - 4 Big Oak Lane	Regrade ditch and place riprap	Construction	\$ 8,700.00	7	5
61	2019	Midway Little League Drainage	Regrade swale	Construction	\$ 21,400.00	21	9
62	2019	Saddlebrook - 154-168 Freedom Trail	Regrade swale	Construction	\$ 36,500.00	5	13
63	2019	Shallcross Place	Drainage improvements	Construction	\$ 90,000.00	8	10
64	2019	Westwoods - 311 Blue Jay Drive	Install underdrain	Construction	\$ 29,600.00	12	4
65	2019	Wynthorpe - 212 Southwyk & 38 Bancroft	Install closed drainage system	Construction	\$ 25,600.00	17	12
66	2009	DELAWARE CITY DRAINAGE IMP-PHASE II (Branch Canal)	DESIGN AND CONSTRUCT CITY DRAINAGE IMPROVEMENTS	Construction	\$ 2,700,000.00	15	12
67	2018	Old Cooches Bridge Road Drainage	Replace pipes and ditch	Construction	\$ 39,500.00	25	10

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
68	2019	Whethersfield - Dasher Avenue	Install closed drainage system	Construction	\$ 47,750.00	18	13
69	2019	Whethersfield - Penny Lane	Install closed drainage system	Construction	\$ 42,300.00	18	13
70	2019	Whitebriar - 741 Whitebriar Road	Install underdrain	Construction	\$ 15,300.00	12	4
71	2019	Sharpley - Foulstone Road	Install closed drainage system	Construction	\$ 40,700.00	12	4
72	2019	Spring Creek Pond #1 and #2	Erosion at pond outfalls	Construction	\$ 105,000.00	9	14
73	2019	Oak Hill School Road	Remove and replace farm crossing pipe	Construction	\$ 20,800.00	11	14
74	2019	Morningside - Morning Glen Lane	Install closed drainage system	Construction	\$ 120,000.00	22	4
75	2019	Londonderry - Emerald Place	Install closed drainage system	Construction	\$ 29,250.00	10	5
76	2019	Devon - Malvern Ct. and Morningside Rd.	Install closed drainage system	Construction	\$ 49,900.00	10	5
77	2020	204 Eagles Landing Road	Install pipe and regrade	Construction	\$ 25,000.00	9	14
78	2020	409 Junction Street	Install closed drainage system	Construction	\$ 20,000.00	13	7
79	2020	409 New Road	Install closed drainage system	Construction	\$ 29,700.00	13	7
80	2020	4293 Dupont Parkway	Install closed drainage system	Construction	\$ 32,500.00	11	14
81	2020	Bellevue - 506 Calhoun Road	Install closed drainage system	Construction	\$ 20,500.00	6	1
82	2020	Brack Ex - 117 Exmore Avenue	Install closed drainage system	Construction	\$ 26,500.00	13	7
83	2020	Caravel Farms - 248 Benjamin Blvd.	Regrade backyard	Construction	\$ 13,500.00	27	12
84	2020	Carpenter Row Sign and Drainage	New sign and drainage improvements	Construction	\$ 11,500.00	4	4
85	2020	Edinburgh Villas - MacTavish Court	Install closed drainage system	Construction	\$ 57,200.00	5	13
86	2020	Estates of Red Lion - 8 S. Gabriel Drive	Install closed drainage system	Construction	\$ 36,600.00	15	12
87	2020	Forest Glen 2 - 312 Paddington Drive	Install closed drainage system	Construction	\$ 57,750.00	15	12
88	2020	Four Seasons - Autumn Horseshoe Bend	Clean and regrade ditch	Construction	\$ 95,000.00	25	10
89	2020	Gateway Townhomes - Beech Tree Lane	Install closed drainage system	Construction	\$ 30,000.00	12	4
90	2020	Melody Meadows - 53 Stardust Drive	Clean Ditch and Install Driveway Pipes	Construction	\$ 36,600.00	27	10
91	2020	Monterey Farms - 841 Reybold Drive	Clean ditch and install driveway pipes	Construction	\$ 42,700.00	5	13
92	2020	Pleasant Valley Estates - 125 and 127 Bartley Road	Clean and regrade ditch	Construction	\$ 39,300.00	27	10
93	2020	Sharpley - 722 to 726 Foulstone Road	Install closed drainage system	Construction	\$ 74,500.00	12	4
94	2020	Westover Chase - Moorfield Turn	Install closed drainage system	Construction	\$ 17,600.00	12	4
95	2020	Yorklyn Ridge - 3 Yorkridge Trail	Install cutoff swale	Construction	\$ 63,100.00	12	4
96	2020	109 N. Dupont Road	Placeholder	Funding	\$ 30,000.00	4	4
97	2020	705 Bay View Road	Placeholder	Funding	\$ 40,000.00	9	14
98	2020	960 S. Chapel Street	Placeholder	Funding	\$ 20,000.00	24	11
99	2020	3520 Newport Gap Pike	Placeholder	Funding	\$ 20,000.00	4	7
100	2020	Afton - 1603 Bolton Road	Placeholder	Funding	\$ 20,000.00	10	5
101	2020	Anglesey - 19 Harlech Drive	Placeholder	Funding	\$ 20,000.00	4	7
102	2020	Appoquin Farms - 8 Brant Court	Placeholder	Funding	\$ 10,000.00	14	
103	2020	Aspen Woods - 37 Cardenti Court	Placeholder	Funding	\$ 1,000.00	26	11
104	2020	Barrett Run - Barrett Run Place	Placeholder	Funding	\$ 1,000.00	26	11
105	2020	Beech Hill - 109 Beech Hill Drive	Placeholder	Funding	\$ 1,000.00	22	8
106	2020	Brackenville Road Drainage	Placeholder	Funding	\$ 1,000.00	12	4
107	2020	Brandywine Hunt - 405 Derby Way	Install closed drainage system	Funding	\$ 40,700.00	10	5
108	2020	Brookland Terrace - Bookland Ave. and Rhode Island Avenue	Placeholder	Funding	\$ 50,000.00	7	13
109	2020	Cedar Farms - 1 Cedar Farms Drive	Install closed drainage system	Funding	\$ 94,700.00	26	11
110	2020	Centerville Point - Centerville Terrace Circle	Install swale and regrade yards to drain	Funding	\$ 25,000.00	4	7
111	2020	Chelfonte - Granby Road and Oakmere Road	Placeholder	Funding	\$ 30,000.00	10	5
112	2020	Chestnut Valley - Renee Lane	Placeholder	Funding	\$ 30,000.00	22	4
113	2020	Chestnut Valley - Willow Creek Lane	Placeholder	Funding	\$ 30,000.00	22	4
114	2020	Cragmere Woods	Install closed drainage system	Funding	\$ 119,200.00	6	1
115	2020	Dartmouth Woods - 2611 Abington Road	Install closed drainage system	Funding	\$ 39,400.00	10	5
116	2020	Deerborne Woods - 47 Derrborne Trail	Placeholder	Funding	\$ 1,000.00	27	10
117	2020	Edinburgh Villas - MacKenzie Court	Install closed drainage system	Funding	\$ 40,000.00	5	13
118	2020	Exton - 2103 Exton Drive	Install closed drainage system	Funding	\$ 33,700.00	10	5
119	2020	Fairfax Farms - Nenagh Drive	Re-grade rear yard	Funding	\$ 18,200.00	12	4
120	2020	Faulkland Road Drainage	Placeholder	Funding	\$ 20,000.00	4	7
121	2020	Harmony Hills - 208 Catalina Drive	Install swale and regrade yard to drain	Funding	\$ 24,400.00	21	9
122	2020	Hockessin Greene	Placeholder	Funding	\$ 50,000.00	22	4
123	2020	Hockessin Valley Falls	Placeholder	Funding	\$ 10,000.00	22	4
124	2020	Hunters Ridge - Entrance	Placeholder	Funding	\$ 30,000.00	22	4
125	2020	Hunters Ridge - Haystack Drive	Drainage Improvements	Funding	\$ 61,500.00	22	4
126	2020	Hyde Run - 3316 Heritage Drive	Placeholder	Funding	\$ 20,000.00	4	7
127	2020	Lamatan - Flint and Quartz Mill Roads	Install closed drainage system	Funding	\$ 39,300.00	22	8
128	2020	Llangollen Estates - 316 Wooddale Ave.	Placeholder	Funding	\$ 5,000.00	17	12
129	2020	Manley - Robin Drive	Placeholder	Funding	\$ 20,000.00	22	4
130	2020	Milltown Road	Drainage improvements	Funding	\$ 80,000.00	21	9
131	2020	Northcrest - 1812 Walter Drive	Regrade yard to drain	Funding	\$ 33,200.00	10	5
132	2020	Oak Lane Manor - 2104 Allendale Road	Placeholder	Funding	\$ 1,000.00	12	4
133	2020	Rising Sun Lane - Drainage Improvements	Regrade area and support railroad abutment	Funding	\$ 225,000.00	4	1
134	2020	Rivers End - Bynum Place	Placeholder	Funding	\$ 1,000.00	18	11
135	2020	Rockland Mills Pond	Placeholder	Funding	\$ 50,000.00	4	4
136	2020	Salem Woods - 9 Linette Court	Placeholder	Funding	\$ 1,000.00	26	11
137	2020	Sedgley Farms - Stone Barn Lane	Placeholder	Funding	\$ 35,000.00	4	4

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
138	2020	Shipley Road and Wilson Road Drainage	Placeholder	Funding	\$ 50,000.00	6	5
139	2020	Southwood - Slashpine Circle	Placeholder	Funding	\$ 15,000.00	22	8
140	2020	Spring Creek - 246 Labrador Lane	Install closed drainage system	Funding	\$ 37,700.00	9	14
141	2020	Stenning Woods - 302 Hadley Court	Placeholder	Funding	\$ 30,000.00	22	8
142	2020	Summer Hill - 2 Jaymar Drive	Placeholder	Funding	\$ 1,000.00	26	11
143	2020	The Ridge - Sleepy Hollow Court	Install underdrain and grade	Funding	\$ 26,350.00	22	4
144	2020	Timber Farms - West Hummock Lane	Placeholder	Funding	\$ 50,000.00	26	11
145	2020	Tybrook and Woodland Park Drainage Study	Study	Funding	\$ 25,000.00	4	7
146	2020	Tybrook - Frann Road	Drainage improvements	Funding	\$ 6,000.00	4	7
147	2020	Villages at Fairview Farm - 19 Fairview Avenue	Placeholder	Funding	\$ 20,000.00	8	10
148	2020	Weber Tract - Lloyd Place	Placeholder	Funding	\$ 40,000.00	10	5
149	2020	Webster Farms - 1115 Webster Drive	Placeholder	Funding	\$ 20,000.00	6	5
150	2020	Weldin Farms - 1506 Turkey Run Road	Regrade ditch	Funding	\$ 11,700.00	6	5
151	2020	Wellington Hills - Pierson Drive	Placeholder	Funding	\$ 30,000.00	10	8
152	2020	West Cedar Heights - 326 Clyde Street	Install closed drainage system	Funding	\$ 69,800.00	19	9
153	2020	Westhaven - Willing Way	Placeholder	Funding	\$ 50,000.00	4	4
154	2020	Westover Hills - 702 to 704 Hopeton Road	Install closed drainage system	Funding	\$ 82,000.00	4	4
155	2020	Westover Woods - Sarah Court	Clean channel	Funding	\$ 18,100.00	26	11
156	2020	Windy Hill - 34 Ferncliff Drive	Placeholder	Funding	\$ 10,000.00	24	9
157	2019	1109 Clayton Greenspring Road	Placeholder	Funding	\$ 1,000.00	11	14
158	2019	1163 Valley Road Drainage	install closed drainage system	Funding	\$ 20,200.00	12	4
159	2019	1515 Dexter Corner Road	Placeholder	Funding	\$ 1,000.00	11	14
160	2019	1920 Clayton Delaney Road	Repair Erosion	Funding	\$ 12,500.00	11	14
161	2019	Afton - 2603 Fairhope Road	install closed drainage system	Funding	\$ 45,500.00	10	5
162	2019	Alapocas - 17 and 19 Alapocas Road	install closed drainage system	Funding	\$ 32,000.00	4	4
163	2019	Ashbourne Hills - 30 East Avon Drive	Placeholder	Funding	\$ 1,000.00	7	1
164	2019	Breezewood - Noble Court & Newland Court	Placeholder	Funding	\$ 1,000.00	24	11
165	2019	Brookmeade - 8 Waxwing Court	Install trench drain and closed drainage system	Funding	\$ 36,600.00	4	7
166	2019	Chatam - 2401 Brookshire Drive	Placeholder	Funding	\$ 1,000.00	6	5
167	2019	Chelsea Estates - 107 Talbot Drive	Placeholder	Funding	\$ 1,000.00	17	13
168	2019	Christiana Village - Barnaby Street	Placeholder	Funding	\$ 1,000.00	26	11
169	2019	City of Wilmington - Helen Chambers Playground Drainage	Placeholder	Funding	\$ 1,000.00	3	3
170	2019	Estates of Red Lion	Clear and grade open space	Funding	\$ 10,000.00	15	12
171	2019	Fairway Falls	Placeholder	Funding	\$ 1,000.00	21	4
172	2019	Faulkland Woods - 2301 Woods Road	Install trench drain	Funding	\$ 66,400.00	4	7
173	2019	Food Bank of Delaware	Drainage improvements	Funding	\$ 40,000.00	8	10
174	2019	Glen Berne Estates - 1601 Glenmore Drive	Placeholder	Funding	\$ 1,000.00	19	9
175	2019	Gwinhurst - Laurel Avenue	Place trench drain and closed drainage system	Funding	\$ 40,000.00	7	1
176	2019	Hickory Woods - 651 Clifton Drive	Placeholder	Funding	\$ 1,000.00	15	12
177	2019	Lynnfield - Homewood Rd. and Ridgeland Rd.	Placeholder	Funding	\$ 1,000.00	6	5
178	2019	Monterey Farms - 856 Reybold Drive	Regrade and clean ditch	Funding	\$ 32,900.00	5	13
179	2019	Mt. Zion Cemetery Drainage	Placeholder	Funding	\$ 1,000.00	4	4
180	2019	North Grant Avenue	Repave street to address drainage issues.	Funding	\$ 63,000.00	4	1
181	2019	Oak Ridge - 3703 Oak Ridge Road	Reinstall swale and replace headwalls	Funding	\$ 88,000.00	22	4
182	2019	Odessa National - 220 - 224 Alloway Place	Placeholder	Funding	\$ 1,000.00	9	14
183	2019	Paper Mill Farms - 8 Ranch Court	Stabilize slopes	Funding	\$ 62,500.00	23	8
184	2019	Pencader Village - Garvey Lane	Placeholder	Funding	\$ 1,000.00	25	10
185	2019	Rambleton Acres Drainage	Clear area and install channel	Funding	\$ 158,000.00	5	13
186	2019	Stoney Batter Condominium Drainage	Create two outfalls and stabilize eroded areas	Funding	\$ 36,500.00	22	4
187	2019	Thornwood - Spur Ridge Court	Placeholder	Funding	\$ 1,000.00	27	10
188	2019	Village of Lindell	Placeholder	Funding	\$ 1,000.00	21	9
189	2019	Yorklynn - Center for the Creative Arts	Placeholder	Funding	\$ 1,000.00	8	4
190	2018	Asbury Chase Drainage	Placeholder	Funding	\$ 1,000.00	9	12
191	2018	Beau Tree Stormwater Pond	Stormwater pond rehabilitation	Funding	\$ 17,250.00	10	5
192	2018	Cambridge Gardens - 24 Beacon Lane	Install closed drainage system	Funding	\$ 22,400.00	5	13
193	2018	Cardiff - 3203 & 3205 Landsdowne Drive	Closed drainage system	Funding	\$ 10,950.00	10	5
194	2018	Christ The Teacher Stormwater Pond	Placeholder	Funding	\$ 1,000.00	27	10

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
195	2018	Christine Manor - 101 Mason Drive	Stabilize eroded area.	Funding	\$ 5,000.00	23	8
196	2018	Colonial Woods - Brandywine Boulevard	Remove and replace deteriorated curb	Funding	\$ 50,000.00	12	5
197	2018	Guyencourt Road Drainage	Placeholder	Funding	\$ 1,000.00	12	4
198	2018	Hickory Woods - Clifton Drive	Placeholder	Funding	\$ 1,000.00	15	12
199	2018	Hockessin Glen Stormwater Pond	Placeholder	Funding	\$ 1,000.00	12	4
200	2018	Holly Oak Terrace - 1217 Washington Place	Install concrete gutter	Funding	\$ 26,700.00	6	1
201	2018	North Hills - Marsh Road - Brighton Road Drainage	Install closed drainage system	Funding	\$ 82,500.00	1	1
202	2018	Northshire - Graywood Road	Placeholder	Funding	\$ 1,000.00	7	5
203	2018	Pyles Lane and Pigeon Point Road Ditching	Placeholder	Funding	\$ 1,000.00	16	2
204	2018	Springfields - Charles Drive	Placeholder		\$ 1,000.00	5	13
205	2018	Valley Run - Thistle Court	Placeholder	Funding	\$ 1,000.00	10	5
206	2018	Village of Becks Pond - Becks Woods Road	Placeholder	Funding	\$ 1,000.00	15	12
207	2018	Wellington Meadows - Cromell Court & St. Thomas Lane	Placeholder	Funding	\$ 1,000.00	26	11
208	2018	Whethersfield - Daniels Place	Placeholder	Funding	\$ 1,000.00	18	13
209	2018	Wrangle Hill Estates - 124 Carlotta Drive	Install a grass swale	Funding	\$ 7,150.00	15	12
210	2017	3323 Silverside Road	Install closed drainage system	Funding	\$ 36,500.00	10	5
211	2017	Devonshire - Rockfield Drive	Install closed drainage system	Funding	\$ 37,500.00	10	5
212	2017	Drexel - 3210 Drexel Drive	Install closed drainage system	Funding	\$ 12,800.00	10	5
213	2017	Fox Fire - Foxfire Drive	Stabilize eroded area	Funding	\$ 5,800.00	22	4
214	2017	Massey's Church Tax Ditch	Tax ditch maintenance	Engineering	\$ 24,000.00	11	14
215	2017	Drawyer's Branch Tax Ditch	Tax ditch maintenance	Engineering	\$ 60,000.00	8	10
216	2017	Jefferson Farms Tax Ditch	Tax ditch maintenance	Engineering	\$ 20,000.00	16	2
217	2017	1038 Fieldsboro Road	Clean out ditch. Install crossroad pipes	Engineering	\$ 27,000.00	9	14
218	2017	Bristol Place Drainage	Install closed drainage system	Funding	\$ 25,300.00	27	12
219	2017	Caravel Farms - 255 Benjamin Drive	Grade and clean out ditch.	Funding	\$ 23,200.00	27	12
220	2017	Caravel Farms - 5 Congress Drive	Grade and clean out ditch.	Funding	\$ 30,900.00	27	12
221	2017	Castleshire - Dandenog Drive	Stabilize eroded areas	Funding	\$ 15,000.00	21	7
222	2017	Ballymeade Drainage	Placeholder	Funding	\$ 1,000.00	10	5
223	2017	Afton - Fairhope Road	Placeholder	Funding	\$ 1,000.00	10	5
224	2017	Northgate	Placeholder	Funding	\$ 1,000.00	10	5
225	2017	A-Street Ditch Project	Placeholder	Funding	\$ 1,000.00	16	2
226	2017	Barretts Run Ponds	Placeholder	Funding	\$ 1,000.00	26	11
227	2017	Becks Pond	Placeholder	Funding	\$ 1,000.00	26	11
228	2017	Chapelcroft - Burnett Drive	Armor bank with rip rap	Funding	\$ 6,500.00	10	5
229	2017	City of New Castle - Harmony Street	Placeholder	Funding	\$ 1,000.00	17	12
230	2017	City of New Castle - Stuyvesant Avenue	Placeholder	Funding	\$ 1,000.00	16	12
231	2017	City of New Castle - West Third Street	Placeholder	Funding	\$ 1,000.00	17	12
232	2017	Cotswold Hills	Placeholder	Funding	\$ 1,000.00	22	8
233	2017	Elmwood Pond	Placeholder	Funding	\$ 1,000.00	24	9
234	2017	Grantchester Ponds	Study	Funding	\$ 5,000.00	22	8
235	2017	Holly Oak Terrace - 3 Brookside Place	Replace failed pipe	Funding	\$ 20,500.00	6	1
236	2017	Leatherems Run Improvements	Placeholder	Funding	\$ 1,000.00		
237	2017	Lukens Drive - Zenith	Placeholder	Funding	\$ 1,000.00	17	2
238	2017	Owls Nest Road Drainage	Placeholder	Funding	\$ 1,000.00	12	4
239	2017	Owls Ridge Pond	Placeholder	Funding	\$ 1,000.00	12	4
240	2017	Perch Creek Ponds	Placeholder	Funding	\$ 1,000.00	27	10
241	2017	Westbrite - Westbrite Court	Placeholder	Funding	\$ 1,000.00	10	5
242	2017	Windy Hills - Dillwyn Road	Install underdrain	Funding	\$ 10,000.00	24	9
243	2017	Woods Road Tax Ditch	Placeholder	Funding	\$ 1,000.00	15	12
244	2017	185 Blackbird Station Road	Placeholder	Funding	\$ 1,000.00	11	14
245	2017	Brandywine Park Improvements	Placeholder	Funding	\$ 1,000.00	4	3
246	2017	City of Wilmington Drainage Improvements	Drainage and flooding problems in Wilmington	Funding	-		
247	2015	Boxwood Road	Flood study	Study	\$ 10,000.00	13	7
248	2016	Guthrie Tax Ditch	Tax ditch maintenance	Engineering	\$ 55,000.00	27	10,12
249	2016	Countryside Farms Tax Ditch	Tax ditch maintenance	Engineering	\$ 30,000.00	27	12
250	2016	David's Corner Tax Ditch	Tax ditch maintenance	Engineering	\$ 102,000.00	9	14
251	2016	130 Upper Pike Creek Road	Flood study	Study	\$ 120,000.00	21	9
252	2016	600 N. DuPont Parkway	Install curb	Funding	\$ 12,500.00	17	12
253	2016	Beacon Hill - East Court	Install closed drainage system	Funding	\$ 38,500.00	10	5
254	2016	Channin - 2501 Ruthwell Road	Recommend a study	Funding	\$ 5,000.00	10	5
255	2016	Christina River - Christiana Flood Study	Flood study	Funding	\$ 42,000.00	18	13
256	2016	Country Creek - 444 Barley Drive	Extend sump pump discharge to existing system	Funding	\$ 8,100.00	26	11
257	2016	Coventry - Dunsinane Drive	Install closed drainage system	Funding	\$ 25,400.00	18	13
258	2016	Governor Printz & Rolling Road	Install closed drainage system	Funding	\$ 39,000.00	6	1
259	2016	Harmony Hills - Kingsley Drive	Install closed drainage system	Funding	\$ 44,000.00	21	9
260	2016	Norwegian Woods - Penney Lane	Install trench drain	Funding	\$ 13,000.00	26	11
261	2016	Rolling Meadows - 900 & 902 Clydesdale Drive	Clean and restore drainage ditch	Funding	\$ 24,800.00	15	12

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
262	2016	Rolling Meadows - 908 Clydesdale Drive	Replace driveway pipe	Funding	\$ 5,500.00	15	12
263	2016	Rutherford - 4 Rolling Drive	Install closed drainage system	Funding	\$ 74,000.00	18	9
264		LITTLE MILL CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 2,750,000.00	2,3,4,12,13,19	3,4,7
265		NAAMANS CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 750,000.00	7,10	15
266		NAAMANS WATERSHED PROJECTS	PROJECTS IDENTIFIED IN THE NAAMANS CREEK FLOOD ABATEMENT STUDY	Funding	\$ 100,000.00	7,10	1,5
267		RED CLAY CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 250,000.00	4,12,21,22	4,7,8,9
268		WHITE CLAY CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED	Funding	\$ 250,000.00	21,22,23,24,25	4,7,8,9
269		PIKE CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 147,000.00	12,17,18,19,21,22, 24	4,7,8,9
270		SHELLPOT CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 1,100,000.00	1,2,6,7,10,12	1,2,5
271		SHELLPOT CREEK- STORM WATER MANAGEMENT	DEVELOP LAND FOR STORMWATER CONTROL	Funding	\$ 2,000,000.00	1,2,6,7,10,12	1,2,5
272		CHRISTINA CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 300,000.00	2,3,4,5,12,13,16,17, 18,19,23,24,25,26,2 7	2,3,7,8,9,10,11,12, 13
273		DRAGON RUN CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 150,000.00	12,22	4,8
274	2012	2217 Pleasant Valley Road	Channel erosion and cleaning	Funding	\$ 25,000.00	27	10
275	2003	ABSALOM JONES DRAINAGE PHASE II	WALL REPAIR AND DRAINAGE IMPROVEMENTS OUTLETING TO STREAM UNDER CEDAR AVE	Planning	\$ 700,000.00	19	9
276		WILMINGTON SOUTH DRAINAGE	DRAINAGE PROBLEMS IN WATERSHED	Planning	\$ 250,000.00	16	2
277	2003	MILL CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA		\$ 300,000.00	12,19,21,22	4,7,8,9
278	2006	RIVER PARK CONDOMINIUM 1100 LORE AVENUE	STABILIZE DRAINAGE CHANNEL WITH BOULDER WALL AND RIPRAP	Funding	\$ 87,000.00	6	1
279	2004	WILMINGTON - WEBB ST.	STUDY FLOODING PROBLEMS	Funding	\$ 1,450,000.00	3,4	1,3,4
280	2014	Brairwood - Briar Road	Install closed drainage system that ties into DeIDOT's system.	Funding	\$ 26,650.00	6	5
281	2014	Caravel Farms - West Savannah Drive	Recommend a study be done.	Funding	\$ 37,200.00	27	12
282	2014	Devon - Rosetree Court	Install inlets with pipe.	Funding	\$ 26,200.00	10	5
283	2014	Elwin Manor - Godwin Drive	Erosion Repair at pipe outlet	Funding	\$ 14,500.00	25	10
284	2014	Jamison Corner Road	Placeholder		\$ 1,000.00	9	12
285	2014	Naamans Creek - Brandywine LL	Modify drainage system to correct problem.	Funding	\$ 250,000.00	10	5
286	2014	Post & Rail Farms - Old School House Road	Install swales to convey runoff to DeIDOT's system.	Funding	\$ 26,700.00	8	10
287	2014	Sharpley - Whitby Road	Replace curb and install 2 new drainage inlets	Funding	\$ 32,288.00	12	4
288	2014	Shellpot Creek - Flood/Drainage Study Cardiff, Woodbine and Tarleton	Study for FEMA Map Revision	Funding	\$ 24,300.00	10	5
289	2014	St. Georges Heights - Hybridge Avenue	Redirect swale to Colton Meadows.	Funding	\$ 18,500.00	9	14
290	2014	The Oaks - Split Rail Lane	Clear & grub easives. Needs wetlands permit	Funding	\$ 12,400.00	26	11
291	2014	Wilmington - 9th Avenue	Repair catch basin	Funding	\$ 4,500.00	2	3
292	2014	Wilmington Marsh Wetlands Project	Wetland rehabilitation	Funding	\$ 100,000.00	2	3
293	2014	Woodburne - Wildfire Lane	Install closed drainage system	Funding	\$ 30,200.00	5	13
294	2015	2018 Marsh Road	Remove and replace failed pipe and catch basin.	Funding	\$ 14,900.00	7	5
295	2015	Brandywood - Valley Avenue	Install closed drainage system	Funding	\$ 37,900.00	10	5
296	2015	Brennan Estates - Sarah Circle	Install underdrain along Sarah Court	Funding	\$ 62,000.00	27	10
297	2015	Chalfonte - Landon Drive	Install closed drainage system.	Funding	\$ 44,500.00	10	5
298	2015	Chestnut Hills Estates - 66 E. Stephen Drive	Clean out channel, remove tree and sediment	Funding	\$ 37,900.00	24	11
299	2015	Christiana - E. Main Street	Study on flooding conditions in Christiana.	Funding	\$ 50,000.00	18	13
300	2015	Christiana Green - Old Baltimore Pike	Placeholder		\$ 1,000.00	26	11
301	2015	Fairway Falls - Stream Stabilization	Stream Stabilization	Funding	\$ 210,000.00	21	4
302	2015	Grantchester - Findail Drive	Placeholder		\$ 1,000.00	22	8
303	2015	Hillcrest - Beverly Place	Install swale in back yard.	Funding	\$ 10,400.00	6	1
304	2015	Magazine Ditch	Placeholder		\$ 1,000.00	16	2
305	2015	Marrows Road - Marrows Court-Chaucer Drive	Study with City of Newark	Funding	\$ 50,000.00	24	11
306	2015	Marshallton Heights - Overlook Avenue	Clear & grub ditch remove sediment and armor with riprap.	Funding	\$ 29,500.00	19	7
307	2015	New Castle - Battery Park	Drainage improvements in the park	Funding	\$ 25,000.00	17	12
308	2015	Old Baltimore Pike (1205 & 1211)	Stabilize channel with riprap.	Funding	\$ 29,900.00	25	10
309	2015	Pleasant Hills - Kentucky Avenue	Install closed drainage system that ties into DeIDOTs.	Funding	\$ 65,000.00	19	9
310	2015	Rutherford - 123 & 125 Rolling Drive	Install closed drainage system.	Funding	\$ 61,600.00	18	9
311	2015	Saint Georges - Church Street	Replace driveway pipe and regrade as needed.	Funding	\$ 13,600.00	15	12
312	2015	Upper Pike Creek Road	Study on flooding conditions.	Funding	\$ 36,000.00	22	4
313	2015	Vineyards Maintenance Corporation	Install underdrain from rear yard to existing catch basin.	Funding	\$ 12,800.00	7	5

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
314	2015	Wilmington - 2401 Paper Lane	Placeholder		\$ 1,000.00	10	5
315	2015	Wilton - 19 Blyth Court	Placeholder		\$ 1,000.00	18	13
316	2015	Windy Hills -314 North Dillwyn Road	Install slot drain and outlet into back yard.	Funding	\$ 18,000.00	24	9
317	2016	1010 Red Lion Road	Placeholder		\$ 1,000.00	15	12
318	2016	130 Upper Pike Creek Road	520 ft. of stream bank stabilization.	Funding	\$ 120,000.00	21	9
319	2016	202 East 6th Street	Placeholder		\$ 1,000.00	16	12
320	2016	600 N. DuPont Parkway	Install curb	Funding	\$ 12,500.00	17	12
321	2016	770 Blackbird Station Road	Placeholder		\$ 1,000.00	11	14
322	2016	Addicks Estates - 26 Marion Avenue	Placeholder		\$ 1,000.00	10	1
323	2016	Anglesey - Harlech Drive	Placeholder		\$ 1,000.00	4	7
324	2016	Beacon Hill - East Court	Closed drainage system to tie-in roof drains	Funding	\$ 38,500.00	10	5
325	2016	Benton - 15 Benton Court	Install closed drainage system	Funding	\$ 38,000.00	10	5
326	2016	Brandywine Falls Raceway Rehabilitation	Repair raceway	Funding	\$ 90,000.00	4	1
327	2016	Christianstead Pedestrian Bridge	STABILIZE STREAM BANKS WITH RIPRAP	Funding	\$ 45,000.00	23	8
328	2016	Commodore Estates II - 106 Bakerfield Drive	Placeholder		\$ 1,000.00	9	12
329	2016	Dunleith - Bunche Blvd	Placeholder		\$ 1,000.00	16	2
330	2016	Dunleith - Morehouse Drive	Placeholder		\$ 1,000.00	16	2
331	2016	Dunleith - Oval Circle	Placeholder		\$ 1,000.00	16	2
332	2016	Grande View Farms - Bullen Drive	Clean ditch		\$ 100,000.00	9	10
333	2016	Woodland Park - Glenoak Road	Drainage study	Study	\$ 50,000.00	4	7
334	2016	Woodrose - Rose Circle	Stabilize banks	Funding	\$ 460,000.00	21	9
335		CALF RUN WATERSHED	STUDY BANK STABILIZATION PROBLEMS AND IMPLEMENT SOLUTIONS	Funding	\$ 250,000.00	15	12
336		BRIDLESHIRE FARMS	DESIGN AND CONSTRUCT SECONDARY SPILLWAY TO POND	Funding	\$ 200,000.00	10	1
337		ARMY CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 50,000.00	19	7
338		BRANDYWINE CREEK WATERSHED	SEDIMENT CONTROL	Funding	\$ 120,000.00	5,17,18	1,2,13
339		BUTTONWOOD CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA -TIDE GATE REPLACEMENT	Funding	\$ 217,500.00	1,2,4,6,10,12	1,2,3,4
340		BACK CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 500,000.00	16,17	2
341		AUGUSTINE CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 50,000.00	22	8
342		Red Clay Creek Watershed - Hyde Run	Streambank stabilization & erosion control for water quality	Funding	\$ 50,000.00	16 & 17	2 & 12
343	2013	Rogers Road - Community Presbyterian Church	Remove sediment and debris from the pond along with increasing the ponds capacity	Funding	\$ 168,000.00	16	2
344	2013	Chelsea Estates - Mark Drive/Louise Road	Install underdrain to intercept spring that freezes on roadway.	Funding	\$ 71,200.00	17	13
345	2013	Hockessin Valley Falls - Peoples Way	Realign, reshape and stabilize existing channel.	Funding	\$ 23,300.00	22	4
346	2013	Wilmington - 6 to 12 Main Street	Eliminate drainage problem in street.	Funding	\$ 76,700.00	4	4
347	2013	Alapocas - Edgewood Road	Placeholder		\$ 1,000.00	4	4
348	2012	1117 Bohemia Mill Road	Drainage problem	Funding	\$ 110,500.00	8	10
349	2012	3097 New Castle Avenue	Redefine and improve drainage flow adjacent to 3097 and install closed drainage system behind units 233 to 239 Mansion Parkway	Funding	\$ 40,800.00	16	2
350	2012	3110 Old Limestone Road	Install closed drainage system of pipe and inlets from existng DelDOT C.B.	Funding	\$ 42,600.00	21	9
351	2012	Caravel Woods - 102 Savannah Drive	Reconstruct roadside swale	Funding	\$ 9,600.00	27	12
352	2012	Chalfonte - 2305 Berwyn Drive	Install pipe system with inlets & connect rear roof drains.	Funding	\$ 15,450.00	10	5
353	2012	Chatham - 1204 Windon Drive	Redirect sump pump outlet to DelDOT's drainage system.	Funding	\$ 15,000.00	6	5
354	2012	Chestnut Hills Estates - Merion & Davies	Clear & grub, remove sediment and replace any damaged concrete gutter	Funding	\$ 48,500.00	24	11
355	2012	Christiana Green - 504 Blacksmith Lane	Construct swale in backyards of 506, 504, 502 & 500 and adjust fences.	Funding	\$ 5,100.00	26	11
356	2012	Elmwood - Marie Court & Spectrum Drive	Install 2 lawn inlets with underdrain that ties into existing C.B. Repair C.B.	Funding	\$ 25,500.00	24	11
357	2012	English Creek - 1993 Carol Drive	Install underdrain under curb.	Funding	\$ 28,850.00	21	9
358	2007	GEORGE READ VILLAGE	FENCE REPAIRS	Funding	\$ 6,500.00	25	8
359	2006	GRANDE VIEW FARMS-WELLINGTON WAY	REESTABLISH DRAINAGE DITCH AND ALIGN TO PIPE CROSSING OF RT. 13	Funding	\$ 19,100.00	9	12
360	2012	Grears Acres - 923 Grears Corner Road	Drainage & swale improvements	Funding	\$ 11,800.00	11	14
361	2012	Hillcrest - 305 & 307 Woodsside Avenue	Install berm with swale and concrete curb.	Funding	\$ 22,150.00	6	1

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
362	2012	Hockessin Valley Falls - 502 Wilson Drive	Replace with larger pipe	Funding	\$ 37,000.00	22	4
363	2005	HYDE PARK	FLOODING PROBLEMS IN AREA	Funding	\$ 150,000.00	19	7
364	2012	Lakeside at Riversedge - 107 Einstein Drive	Line channel from Providence Drive to pond with riprap. Permit may be required.	Funding	\$ 30,800.00	18	11
365	2012	Lancashire - Inwood Road	Parcels being considered for flood remediation.	Funding	\$ 1,280,000.00	7	5
366		New Castle County Flood Studies	Flood studies to revise poorly mapped floodplains in New Castle County	Funding	\$ 250,000.00	5	13
367	2012	Old Kennett Road near Way Road	Install underdrain	Funding	\$ 12,600.00	12	9
368	2008	PLEASANT VALLEY FARMS - FERRIS COURT	REALIGN AND STABILIZE A SECTION OF MUDDY RUN	Funding	\$ 136,600.00	27	10
369	2012	Ramblewood Pond	Water quality assessment & Improvement project	Funding	\$ 175,000.00	10	5
370	2012	Salem Woods - 1 White Drive	Debris pit remediation	Funding	\$ 100,000.00	26	11
371	2009	SHIPLEY ROAD - 1501	INSTALL A GRASS SWALL FROM A NEW DELDOT VALLEY GUTTER ACROSS TO THE EXISTING STREAM	Funding	\$ 13,180.00	6	5
372	2012	Stockdale - 11 Palace Drive	Construct swale with berm behind 11 Palace Drive & adjacent properties.	Funding	\$ 29,900.00	7	1
373	2012	Sunset Lake - Sediment Control & Habitat Enhancement	Water quality	Funding	\$ 225,000.00	24	10
374	2012	Sycamore Gardens - 3 Medill Lane	Install underdrain under sidewalk	Funding	\$ 17,000.00	24	5
375	2012	The Timbers - 7 Magnolia Court	Remove and replace damaged sections of concrete channel.	Funding	\$ 13,000.00	10	5
376	2012	Thornwood - 2 Hazelwood Drive	Request letter was dated June 16, 2010, but was received Oct. 4, 2010.	Funding	\$ 21,800.00	25	10
377	2012	Village of Lindell - 2315 & 2313 St. Francis Street	Repair or replace deteriorated timber retaining wall.	Funding	\$ 71,000.00	21	9
378	2012	Wedgewood - 128 Dutton Court	Install basin with pipe connection to existing basin	Funding	\$ 14,700.00	18	13
379	2012	Weldin Wood - Weldin Circle Drainage	Install closed drainage system.	Funding	\$ 99,700.00	6	5
380	2012	Willow Run - 10 Harrow Place	Construct swale/berm	Funding	\$ 6,200.00	13	7
381	2012	Brookside - Keller Road	Clear & regrade swale	Funding	\$ 38,000.00	24	11
382	2007	DIXIE LINE ROAD - NORTH OF I-95	RESOLVE FLOODING ISSUES	Funding	\$ 25,000.00	25	10
383		DEBRIS PITS	DEBRIS PIT REMEDIATION		\$ 150,000.00		
384		RUTHERFORD - W. RUTHERFORD DR. #102-#104	SOLUTION TO BE DETERMINED	Funding	\$ 13,000.00	18	9
385	2004	ROSEVILLE PARK - BOXWOOD AVENUE	RECONSTRUCT BOXWOOD AVE. BETWEEN OAK AVE. AND CHESTNUT AVE.	Funding	\$ 134,000.00	21	9
386	2010	ROBSCOTT MANOR 36 & 38 GILL DRIVE	REPLACE DRIVEWAY PIPE AT EAST CHESTNUT HILL ROAD	Funding	\$ 26,800.00	25	12
387	2006	ROLLING MEADOWS-HACKNEY DRIVE	INSTALL PIPE IN ROAD SIDE SWALE	Funding	\$ 15,400.00	15	12
388	2006	NAAMANS MANOR - VALLEY & CLEARVIEW AVES	INSTALL CURBING AND CLOSED SYSTEM FOR DRAINAGE CONTROL	Funding	\$ 93,400.00	7	5
389	2007	NAAMANS MANOR - VALLEY AVENUE #2204	SOLUTION TO BE DETERMINED	Funding	\$ 66,800.00	7	5
390	2005	RIVERS END WEST DRIVE	REPLACE CURB TO PROPER GRADE TO PREVENT RUNOFF ONTO DRIVEWAY	Funding	\$ 20,500.00	5	11
391	2008	BARLEY MILL COURT STREAM STABILIZATION	STREAM IMPROVEMENTS	Funding	\$ 105,000.00	12	4
392	2007	ARDEN - MARSH ROAD	INSTALL DRAINAGE SYSTEM TO CONTROL RUNOFF FROM MARSH ROAD	Funding	\$ 83,200.00	7	5
393	2005	RIVERS END EAST DRIVE	INSTALL UNDERDRAINS AND CATCH BASINS TO RESOLVE DRAINAGE PROBLEMS IN YARD	Funding	\$ 20,800.00	5	11
394	2010	RED CLAY WATERSHED SURFACE WATER CONTROL FOR AI DUPONT HS	AREA TO BE REGRADED TO PROVIDE FOR POSITIVE RUNOFF	Funding	\$ 52,000.00	12	4
395	2011	Buckingham Heights - 2116 Buckingham Road	Install closed drainage system behind homes.	Funding	\$ 28,200.00	7	5
396	2007	BROOKSIDE - KENMAR DRIVE	REESTABLISH AND STABILIZE DRAINAGE DITCH	Funding	\$ 37,000.00	24	11
397	2006	BROOKMEADE - SKYLARK ROAD	INSTALL CATCH BASINS AND PIPE IN STREET TO CONTROL SURFACE RUNOFF	Funding	\$ 17,700.00	4	7
398	2010	Brookhaven - 45 to 71 Green Ridge Road	Install closed drainage system behind homes.	Funding	\$ 167,800.00	21	9
399	2007	ROCKLAND - MT. LEBANON ROAD	DRAINAGE IMPROVEMENTS TO CONTROL FLOODING	Funding	\$ 350,000.00	12	4
400		CHESTNUT RUN	STUDY AND MODELING TO DEVELOP SOLUTIONS TO FLOODING	Funding	\$ 45,000.00	24	11
401	2006	CANNONSHIRE-CANNON RUN #16 & #18	INSTALL CLOSED DRAINAGE SYSTEM AND SWALE. CONNECT TO DELDOT	Funding	\$ 34,100.00	25	10

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
402	2008	AIRPORT ROAD # 168 - # 174	CONSTRUCT DETENTION POND AND LATERAL DITCHING TO CONTROL RUNOFF	Funding	\$ 153,000.00	17	13
403	2006	ALBAN PARK - HOMESTEAD ROAD	REPLACE FAILED STORM SEWER SYSTEM	Funding	\$ 37,000.00	2	3
404		STONE CREEK WATERSHED	EROSION CONTROL ALONG STREAM	Funding	\$ 15,600.00	21	4
405		RED LION CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 50,000.00	5	13
406		PLUM RUN WATERSHED	EROSION AND STORMWATER CONTROL	Funding	\$ 125,000.00	1-13; 15-27	1,14
407		DRAWYERS CREEK WATERSHED	FLOODING PROBLEMS IN WATERSHED AREA	Funding	\$ 50,000.00	18	9
408	2009	SOUTH WILMINGTON - CENTRAL PARK	REGIONAL STORMWATER MANAGEMENT STUDY	Funding	\$ 150,000.00	2	3
409	2008	BECHTEL PARK - WALKING PATH BRIDGE	SOLUTION TO BE DETERMINED	Funding	\$ 36,600.00	10	5
410	2006	BELLE TERRE	STORMWATER MANAGEMENT POND	Funding	\$ 50,000.00	12	4
411	2006	BRANDYWINE SPRINGS MANOR- ADDISON DRIVE	INST. CLOSED DRAINAGE AND SWALE TO ELIMINATE BASEMENT FLOODING & EROSION	Funding	\$ 48,900.00	4	7
412	2006	BREEZEWOOD II - W. SHADY DRIVE	EXTEND EXISTING PIPE. CONSTRUCT DRAINAGE INLET. INSTALL PROTECTION GRATE	Funding	\$ 19,500.00	24	11
413	2007	BRANDYWOOD - VALLEY ROAD	FLOODPROOFING, BOULDER BANK STABILIZATION, SWALE CONSTRUCTION	Funding	\$ 66,800.00	10	5
414	2006	BRANDYWOOD - MAJESTIC DRIVE	CONSTRUCT DRAINAGE SWALES TO DIRECT RUNOFF AWAY FROM HOUSE STRUCTURE	Funding	\$ 9,700.00	10	5
415	2007	FAULKLAND ROAD # 2203	INSTALL DRAINAGE SYSTEM TO ALLEVIATE RUNOFF ENTERING HOUSE	Funding	\$ 37,600.00	4	7
416	2003	DUNLEITH - ANDERSON DR.	INSTALL UNDERDRAIN. CONNECT TO CB ON BUNCHE BOULEVARD	Funding	\$ 52,000.00	16	2
417	2009	SOUTH WILMINGTON - WEST	NEIGHBORHOOD WIDE DRAINAGE ISSUES	Funding	\$ 200,000.00	16	2
418		SILVERBROOK RUN	STUDY FLOODING PROBLEMS		\$ 100,000.00	12	4
419	2008	HARMONY WOODS - DIMINISH DRIVE #140	INSTALL CLOSED DRAINAGE SYSTEM TO ELIMINATE STANDING WATER	Funding	\$ 28,800.00	18	9
420	2010	HARMONY WOODS - DIMINISH DRIVE #150	INSTALL CLOSED DRAINAGE SYSTEM BEHIND 148 & 150	Funding	\$ 25,400.00	18	9
421	2008	HARMONY WOODS - MINOR COURT	INSTALL CLOSED DRAINAGE SYSTEM IN REAR YARD. CONNECT TO DOT ON DIMINISH DR.	Funding	\$ 32,200.00	18	9
422	2008	HARMONY WOODS - PIANO DRIVE # 106	CONSTRUCT SWALES TO RELIEVE STANDING WATER	Funding	\$ 13,100.00	18	9
423	2006	HARMONY HILLS - KINGSLEY DRIVE	INSTALL DRAINAGE SYSTEM IN REAR YARDS TO ELIMINATE FLOODING	Funding	\$ 44,400.00	21	9
424	2006	HYDE RUN EROSION CONTROL	EROSION CONTROL AND STABILIZATION MEASURES	Funding	\$ 110,000.00	12	7
425	2005	ELSMERE - TOWN WIDE	ANALYZE DRAINAGE INFRASTRUCTURE. SUGGEST IMPROVEMENTS TO REDUCE FLOODING	Funding	\$ 66,000.00	13	7
426	2006	ELSMERE - LOCUST AVENUE	STUDY & DEVELOP SOLUTION TO DRAINAGE PROBS BEHIND 242 TO 268 LOCUST AVE.	Funding	\$ 15,000.00	13	7
427	2006	COOPER FARMS - YALE ROAD	REPLACE EXISTING C&G WITH FULL HEIGHT C&G TO CONTROL RUNOFF FROM YALE ROAD	Funding	\$ 29,900.00	19	7
428	2005	COOPER FARM - LOCUST ROAD #15	INSTALL SWALE AND BERM TO DIRECT RUNOFF FROM SCHOOL PROPERTY TO A JUNCTION BOX CONVERTED TO A CATCH BASIN	Funding	\$ 9,400.00	19	7
429	2006	CHRISTIANA BRACE	STORMWATER MANAGEMENT POND	Funding	\$ 100,000.00	24	11
430	2005	DELPARK MANOR - REESE COURT	INSTALL CLOSED DRAINAGE SYSTEM. CONNECT TO DELDOT	Funding	\$ 59,800.00	19	9
431	2005	CEDARCREST	FLOOD DAMAGE REPAIRS	Funding	\$ 20,000.00	19	7
432	2006	CHANNIN - RAMBLEWOOD DRIVE	REPLACE FAILED DRAINAGE SYSTEM	Funding	\$ 26,800.00	10	5
433	2006	CHRISTIANA ACRES-MEADOW LANE	CLEAN AND RESHAPE TIDAL DRAINAGE DITCH	Funding	\$ 65,000.00	17	13
434	2008	CARAVEL HUNT - RICE DR.	SOLUTION TO BE DETERMINED	Funding	\$ 14,700.00	15	12
435	2000	WESTOVER HILLS- DRAINAGE- 5 LOCATIONS	STUDY OF DRAINAGE PROBLEMS IN WESTOVER HILLS	Funding	\$ 615,000.00	4	4
436	2006	WESTOVER HILLS-WESTOVER CIRCLE	STUDY AND DEVELOP SOLUTIONS AND ESTIMATES TO CORRECT RETAINING WALL AND SLOPE FAILURES	Funding	\$ 71,000.00	4	4
437	2007	WESTOVER HILLS - SECT. B	REPAIR /REPLACE DETERIORATED AND DAMAGED SIDEWALKS	Funding	\$ 31,100.00	4	4
438	2001	WILMINGTON - ROCKFORD & IVY/BANCROFT MILLS	INVESTIGATE DRAINAGE AND POLLUTION PROBLEMS	Funding	\$ 80,000.00	4	1
439	2007	PINE VALLEY FARMS - WHITE PINE DRIVE	REPLACE PIPE UNDER ROAD WITH ONE OF ADEQUATE CAPACITY	Funding	\$ 48,400.00	9	14
440	2006	VILLAGE OF LINDELL - GREENWAY	CONSTRUCT GREENWAY PATH	Funding	\$ 427,400.00	21	9
441	2005	SHELLBURNE DRAINAGE IMPROVEMENTS	CONST. STUDY SOLUTION TO DRAINAGE PROBS ON CARWELL, PASC10, SHELLBURNE	Funding	\$ 240,500.00	6	5

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
442	2007	RADNOR GREEN - OSAGE ROAD	REESTABLISH SWALE WITH BERM ALONG SCHOOL PROPERTY TO CONTROL RUNOFF	Funding	\$ 80,800.00	7	1
443	2010	OLD CAPITOL TRAIL - 4400	REPAIR STREAM BANK EROSION	Funding	\$ 12,800.00	19	7
444	2009	NEWPORT GAP PIKE - 3704	RIPRAP PROTECTION AND WATER MANAGEMENT	Funding	\$ 68,000.00	22	4
445	2007	MORNINGSIDE - MORNING GLEN LANE # 2	REESTABLISH DRAINAGE DITCH AND STABILIZE WITH RIPRAP TO PREVENT EROSION	Funding	\$ 120,000.00	22	4
446	2009	MORNINGSIDE - MORNING GLEN LANE # 30	SOLUTION TO BE DETERMINED	Funding	\$ 16,200.00	22	4
447	2010	SHIPLEY ROAD - 1919	INSTALL RIPRAP PROTECTION AT CRITICAL POINTS ALONG BANK AND PIPE OUTLET	Funding	\$ 60,500.00	6	5
448	2007	FOX WOODS - FOX DRIVE # 106 (REINSTATE)	INSTALL DRAINAGE SYSTEM TO RELIEVE BACKYARD FLOODING	Funding	\$ 22,500.00	24	9
449	2007	GRAYLYN CREST - GRAYLYN ROAD	STABILIZE STREAM BANKS WITH RIPRAP	Funding	\$ 49,000.00	6	5
450	2006	COLONIAL PARK-ATKINS AVENUE	INSTALL CLOSED DRAINAGE SYSTEM TO RELIEVE BACK YARD FLOODING AND PONDING	Funding	\$ 40,400.00	13	3
451	2006	EDINBURGH VILLAS-SHETLAND WAY	INSTALL DRAINAGE SYSTEM IN REAR YARDS TO ELIMINATE STANDING WATER PROBLEMS	Funding	\$ 49,900.00	5	13
452	2009	Fairfax - 201 Pinehurst Drive	Install closed pipe system with inlet.	Funding	\$ 26,000.00	12	4
453	2008	MARSHALLTON - DUNCAN AND GREENBANK ROAD	REPLACE GUARDRAIL AND RETAINING WALL WITH CONCRETE CHANNEL AND DECORATIVE PARAPET	Funding	\$ 205,000.00	19	7
454	2008	GREENBANK ROAD # 610	INSTALL CLOSED DRAINAGE SYSTEM TO ELIMINATE BANK EROSION	Funding	\$ 24,400.00	19	7
455	2008	HOCKESSIN VILLAGE	IMPLEMENT STUDY RECOMMENDATIONS	Funding	\$ 100,000.00	20	4
456	2005	LIMESTONE HILLS - GREENWAY	REPAIR AND RESURFACE GREENWAY PATH	Funding	\$ 110,000.00	20	8
457	2005	HYDE PARK - DUNCAN ROAD	REMOVE AND REPLACE CURB TO PROPER GRADE. INSTALL CLOSED DRAINAGE SYSTEM	Funding	\$ 28,300.00	19	7
458	2005	GREEN ACRES - GRINNELL ROAD	INSTALL CLOSED DRAINAGE SYSTEM TO ELIMINATE PONDING IN REAR YARD	Funding	\$ 27,000.00	6	5
459	2008	LEXINGTON SQUARE - SENTRY LANE	REPAIR CATCH BASIN AND SINKHOLES. REGRADE SWALE	Funding	\$ 13,700.00	21	9
460	2004	WOODLAND TRAILS - DEFOE CIRCLE	INSTALL U-DRAIN SYSTEM CONNECTING TO CB ON TAYLOR DR. TO SOLVE PONDING	Funding	\$ 85,500.00	18	11
461	2008	STONEFIELD - BASALT STREET	CONSTRUCT DRAINAGE SWALE IN REAR YARDS FOR PROPER DRAINAGE	Funding	\$ 11,600.00	9	
462	2009	Stratford - 33 E. Edinburgh Drive	Install swale & lawn inlets	Funding	\$ 21,000.00	17	13
463	2008	WELDIN WOODS - WELDIN CIRCLE	INSTALL UNDERDRAIN AND SWALE TO DRAIN PROPERTY TO STREAM	Funding	\$ 77,700.00	6	5
464	2008	STONEFIELD - OLIVINE CIR.	INSTALL CB AND PIPE TO DRAIN PONDING AREA	Funding	\$ 7,600.00	9	14
465	2006	YORK FARMS-CORNWELL DRIVE	CLEAR VEGETATION AND INSTALL UNDERDRAIN TO ALLEVIATE ROAD ICING CONDITIONS	Funding	\$ 24,800.00	15	12
466	2006	CHARTER OAKS 1	STORMWATER MANAGEMENT POND	Funding	\$ 35,000.00	12	4
467	2005	SOUTHWOOD	IMPLEMENT STUDY SOLUTIONS FOR EROSION AND DRAINAGE PROBLEMS ON MILL CREEK	Funding	\$ 200,000.00	22	8
468	2006	STUYVESANT HILLS	STORMWATER MANAGEMENT POND	Funding	\$ 100,000.00	12	4
469	2006	MENDENHALL VILLAGE 1	STORMWATER MANAGEMENT POND	Funding	\$ 250,000.00	22	4
470	2008	MENDENHALL VILLAGE - BEECHWOOD CIRCLE TO TALL OAKS DRIVE	SOLUTION TO BE DETERMINED	Funding	\$ 10,800.00	22	4
471	2007	FOULK WOODS - DEEPWOOD DRIVE	RESOLVE EROSION CONDITIONS	Funding	\$ 50,000.00	10	5
472	2008	CANNONSHIRE - GENERAL MAXWELL COURT	SOLUTION TO BE DETERMINED	Funding	\$ 32,700.00	25	10
473	2008	ADDICKS ESTATE 14 MARION AVE	INSTALL CURB & GUTTER WITH CLOSED DRAINAGE SYSTEM TO DIVERT RUNOFF	Funding	\$ 54,800.00	10	1
474	2008	HARMONY WOODS - CORONET COURT # 5	CONSTRUCT SWALE TO DRAIN STANDING WATER AREAS IN FRONT AND SIDE YARDS	Funding	\$ 14,800.00	18	9
475	2010	HARMONY WOODS - HARMONY CREST DR. # 123	INSTALL A CLOSED DRAINAGE SYSTEM	Funding	\$ 26,100.00	18	9
476	2007	LUMS POND ESTATES III - HOPE COURT EAST	INSTALL DRAINAGE SYSTEM TO REDIRECT FLOW ALONG BACK OF PROPERTY	Funding	\$ 16,500.00	15	12
477	2008	FAULKLAND WOODS - WOODS ROAD	INSTALL NEW ROAD DRAINAGE SYSTEM	Funding	\$ 357,000.00	4	7
478	2006	THE MILLRACE (ROCKLAND)	DRAINAGE IMPROVEMENTS TO RESOLVE FLOODING PROBLEMS	Funding	\$ 344,400.00	10	4
479	2005	WESTMINSTER	DETENTION BASIN	Funding	\$ 100,000.00	4	7
480	2006	WESTGATE FARMS-WESTGATE DRIVE	INSTALL UNDERDRAIN SYSTEM, WITH INLETS, DISCHARGING INTO STREAM IN PARKLAND	Funding	\$ 75,700.00	4	7
481	2008	WEBSTER FARMS - WEBSTER DRIVE #1119 - #1121	INSTALL CLOSED SYSTEM TO RELIEVE FLOODING CONDITIONS	Funding	\$ 54,000.00	6	5

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
482	2006	CLELAND HEIGHTS-CLELAND COURSE	PE TO EVALUATE FLOODING PROBLEMS AND DEVELOP SOLUTIONS	Funding	\$ 15,000.00	13	3
483	2005	CONCORD MANOR - BETHEL STREET	INSTALL DRAINAGE SYSTEM TO RELIEVE BACK YARD PONDING	Funding	\$ 20,800.00	12	5
484	2007	CONCORD MANOR - BROOKFIELD AVE. & MARIANNA DRIVE	STUDY TO DEVELOP SOLUTION TO FLOODING OF INTERSECTION	Funding	\$ 30,000.00	12	5
485	2008	DARTMOUTH WOODS - STURBRIDGE DRIVE	INSTALL CLOSED DRAINAGE SYSTEM TO ELIMINATE SUMP PUMP DISCHARGE INTO STREET	Funding	\$ 34,500.00	10	5
486	2002	DEERHURST - PIERCE RD	INSTALL UNDERDRAIN AND CATCH BASINS	Funding	\$ 29,300.00	6	5
487	2008	DEVONSHIRE - ALTAMONT DRIVE	INSTALL CLOSED DRAINAGE SYSTEM TO CONTROL RUNOFF DIRECTED AT BASEMENT WALL	Funding	\$ 12,500.00	10	5
488	2006	DRUMMOND FARMS - DRUMMOND FARMS LANE	INSTALL SLOTTED DRAIN IN CURB AND BUILD CB TO ELIMINATE FREEZING WATER ON ROAD	Funding	\$ 39,400.00	22	4
489	2010	MEADOWOOD - 118 FORSYTHIA DRIVE	INSTALL CLOSED DRAINAGE SYSTEM IN REAR YARDS.	Funding	\$ 20,900.00	21	9
490	2005	LINDAMERE - NORTH RD	REMOVE PCC SLAB AND BUILD CATCH BASIN	Funding	\$ 7,400.00	6	1
491	2007	HOCKESSIN HUNT - BRIDLE PATH EAST	REDEFINE AND STABILIZE DRAINAGE CHANNEL	Funding	\$ 17,400.00	22	4
492	2006	HICKORY WOODS - CHRISSY COURT & SHAGBARK COURT	REESTABLISH DRAINAGE SWALE	Funding	\$ 48,500.00	27	12
493	2006	GREEN VALLEY-6TH STREET	CONSTRUCT SWALE TO CONVEY RUNOFF OUT OF REAR YARDS	Funding	\$ 11,800.00	21	9
494	2008	MIDDLETOWN-SLOOP LANE	INSTALL CLOSED DRAINAGE SYSTEM WITH DROP STRUCTURES TO CHECK EROSION	Funding	\$ 34,000.00	9	10
495	2006	MILLCREEK ROAD # 2802	INSTALL UNDERDRAIN SYSTEM TO CONTROL SPRING ACTIVITY	Funding	\$ 14,900.00	21	7
496	2010	1125 Old Baltimore Pike	Install lawn inlet in back yard of 704 Springcreek Ct. with pipe that outlets into SWMP	Funding	\$ 12,700.00	25	10
497	2006	ASHBOURNE HILLS - 8 RUBY DRIVE	REPLACE FAILED STORM SEWER PIPE. INSTALL CB TO CONTROL STREET RUNOFF	Funding	\$ 15,000.00	7	1
498	2008	BELLEFONTE - PROSPECT AVENUE	IMPLEMENT STREAM STABILIZATION AND EROSION CONTROL MEASURES	Funding	\$ 58,600.00	6	1
499	2006	BELLEFONTE-BEESON ROAD	INSTALL CLOSED DRAINAGE SYSTEM TO RELIEVE BASEMENT AND GARAGE FLOODING	Funding	\$ 47,300.00	6	1
500	2006	BRANDON-SMITH LANE	INSTALL CLOSED SYSTEM TO ELIMINATE PONDING IN REAR YARD OF 2313 SMITH LN.	Funding	\$ 30,700.00	10	5
501	2005	POSSUM HOLLOW ROAD	SURVEY, INVESTIGATE, AND PREPARE PLANS AND ESTIMATES FOR DRAINAGE IMPROVEMENTS	Funding	\$ 30,000.00	21	8
502	2006	NORTHCREST - WALTER DRIVE	INSTALL SWALE TO DRAIN REAR YARDS	Funding	\$ 24,800.00	10	5
503	2006	SCOTTFIELD - BROADFIELD DRIVE	INSTALL CLOSED DRAINAGE SYSTEM WITH SWALES TO RELIEVE PONDING	Funding	\$ 15,500.00	24	11
504	2004	VALLEY RUN - BUTTERNUT LANE	INSTALL CLOSED DRAINAGE SYSTEM ALONG VALLEY ROAD (BITTERSWEET DRIVE)	Funding	\$ 14,000.00	10	5
505	2006	WEMBLEY-WEMBLEY DRIVE	INSTALL COMBINED DRAINAGE/UNDERDRAIN SYSTEM TO SOLVE SPRING & ICING PROBS.	Funding	\$ 39,100.00	7	1
506	2006	WESTWOOD MANOR-BEECHWOOD DRIVE	REPLACE FAILED DRAINAGE SYSTEM	Funding	\$ 30,300.00	7	5
507	2006	WOODMILL II-W. WOODMILL DRIVE	INSTALL CLOSED DRAINAGE SYSTEM TO CONTROL RUNOFF	Funding	\$ 24,900.00	21	9
508	2005	EAGLE GLEN-WINBURNE DRIVE	INSTALL CLOSED DRAINAGE SYSTEM TO ELIMINATE SWALE DISCHARGE ONTO PAVEMENT	Funding	\$ 10,800.00	18	13
509	2008	EDENRIDGE - MT. LEBANON ROAD # 721	INSTALL CATCH BASIN AND PIPE TO DRAIN LOW AREA IN REAR YARD	Funding	\$ 41,000.00	12	4
510	2007	HICKMAN ROAD	CONSTRUCT CURB AND SIDEWALK ALONG HICKMAN RD.	Funding	\$ 33,200.00	10	1
511	2008	THE TIMBERS - MAGNOLIA COURT	INSTALL CATCH BASIN AND PIPE TO ELIMINATE PONDING IN LOW AREA OF CURB	Funding	\$ 19,600.00	10	5
512	2004	WOODS - SIOUX COURT	INSTALL U-DRAIN TO RELIEVE PONDING. CONNECT TO DELDOT.	Funding	\$ 17,000.00	18	9
513	2012	DuRoss Heights		Funding	\$ 225,000.00	17	13
514	2005	WEST BRANCH -EAST MILL STATION DRIVE	STUDY AND DEVELOP AND IMPLEMENT SOLUTION FOR STABILIZING FAILING BOULDER RETAINING WALL	Funding	\$ 220,320.00	23	8
*E		Woodland Run - 12 Buttonwood Court	Place topsoil in low area & regrade to drain.	Funding	\$ 2,600.00	22	4
E		CANNONSHIRE-CANNON RUN #41-#43	REPLACE FAILED CURB	Funding	\$ 2,100.00	6	1

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

New Castle County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
E		Chestnut Hills Estates - 13 to 17 E. Stephens Drive	Install closed drainage system behind 13, 15 & 17 E. Stevens Drive	Funding	\$ 71,000.00	18	9
E		Deer Run Road - 145	Replace three driveways with elliptical arch pipes.	Funding	\$ 160,000.00	18	9
E		FAIRWINDS - GREEN STREET	SOLUTION TO BE DETERMINED	Funding	\$ 90,000.00	4	7
E		LIFTWOOD - WELDIN ROAD	PLACE TOPSOIL, REGRADE, SEED & MULCH TO ELIMINATE LOW AREAS IN FRONT YARD	Funding	\$ 14,000.00	4	7
E		Linden Heath - 6 Inverness Court	Construct a grass swale along side yard thru to back yard and 3LBGC open space.	Funding	\$ 13,500.00	4	7
E		LONGVIEW FARMS - SOUTH OVERHILL COURT	STUDY AND DESIGN SOLUTION TO FAILING RETAINING WALL	Funding	\$ 85,000.00	6	5
E		MIDDLE RUN CROSSING GREENWAY	CONSTRUCT GREENWAY PATH CONNECTING STARLING STREET TO PARK ON EBENEZER CHURCH ROAD	Funding	\$ 497,800.00	22	8
E		MILL CREEK- HOCKESSIN TO LANTANA	GREENWAY	Funding	\$ 463,800.00	25	10
E		MILL CREEK-PIERSONS RIDGE TO BRACKENVILLE	STUDY FLOODING PROBLEMS, PREPARE PRELIMINARY DESIGN, PERMITS, IMPLEMENT IMPROVEMENTS	Planning	\$ 1,200,000.00	10	5
E		MONTGOMERY WOODS - MONTGOMERY WOODS DR. # 616	CONSTRUCT SWALE TO DRAIN PONDING WATER ON PROPERTY	Funding	\$ 17,800.00	10	5
E		RADNOR GREEN - NEWCOMB COURT	CONNECT SUMP PUMP DISCHARGE TO DEDOT STORM SEWER SYSTEM	Funding	\$ 9,900.00	13	3
E		Stage Road - 33 Stage Road	Install approx. 150 lf of curbing.	Funding	\$ 16,300.00	12	5
E		THE LANDINGS TWIN C LANE	STUDY TO RESOLVE DRAINAGE ISSUES IN BACKYARDS	Funding	\$ 25,000.00	10	5
E		Village of Lindell - 2111 Lindell Blvd.	Recommend a concrete retaining wall.	Funding	\$ 68,400.00	6	5
SUBTOTAL** - New Castle County Active Projects					\$ 46,581,238		
* Too low of a priority for ranking							
** Does not include costs of proposed FY2020 projects contained in Appendix D							

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Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Kent County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
1	2012	Kent County Bay Beach Communities Drainage Studies / Improvements Phase V - South Bowers	Reconstruction of tidal ditch to provide an outlet to S. Bowers Beach Road.	Permitting	\$ 83,280.00	32	16
2	2007	City of Dover- Tarr Ditch	Improvements to drain system	Funding	\$ 8,000,000.00	32, 31	17
3	2017	Gravelly Run Tax Ditch Main / Severson	Replace crossing	Engineering	\$ 75,000.00	11	15
4	2003	Pearsons Corner Road / Detweiler	Approx. 7,000' of ditch reconstruction	Engineering	\$ 75,000.00	11, 29	15
5	2000	Silver Lake Water Management Project - DelTech Terry Campus	Design, construct and improve the drainage and stormwater system within DelTech Terry campus	Engineering	\$ 350,000.00	31	17
6	2016	4948 Halltown Rd / Butz	Repair pipe from Route 8 to the Tappahanna Tax Ditch Main and fill washout along the Main.	Engineering	\$ 20,000.00	11	15
7	2016	4938 Halltown Rd / Carey	Pipe replacement	Engineering	\$ 100,000.00	11	15
8	2002	Hidden Acres	Stream improvements	Permitting	\$ 40,000.00	29	15
9	2017	241 South Shore Drive / Green	Approx. 600' road side ditch with pipe replacements and rock outlet protection.	Funding	\$ 60,000.00	34	16
10.1	2012	Kent County Bay Beach Communities Drainage Studies / Improvements Phase II - Pickering Beach	Installation of approx. 1,250' of road side ditch and 50' of stormdrain near the intersection of Pickering Beach Road and entrance to Little Creek Wildlife Area.	Engineering	\$ 50,318.00	32	16
10.2	2012	Kent County Bay Beach Communities Drainage Studies / Improvements Phase III - Kitts Hummock	Installation of drainage inlets and approx. 100' of stormdrain with backflow prevention.	Engineering	\$ 53,044.00	32	16
10.3	2012	Kent County Bay Beach Communities Drainage Studies / Improvements Phase IV - Kitts Hummock	Installation of approx. 7' of roadside drainage with riprap protection.	Engineering	\$ 18,500.00	32	16
10	2012	Kent County Bay Beach Communities Drainage Studies / Improvements Phase V - Kitts Hummock	Maintain roadside ditches from the intersection of Bay Drive to community entrance.	Engineering	\$ 83,280.00	32	16
11	2019	Alley Corner Rd / Lowman	Installation of approx. 160' pipe and two catch basins	Engineering	\$ 15,000.00	29	15
12	2019	Bush Drive / Morris	Construction of open ditch with pipe crossing	Construction	\$ 10,000.00	29	17
13	2013	Walnut Shade Road / Lavender	Cleanout/flush pipe and area at outlet of pipe	Engineering	\$ 10,000.00	34	16
14	2008	Seeneytown Road / Peet	Approx. 4,000' of ditch reconstruction	Engineering	\$ 24,000.00	11	15
15	2010	Town of Houston Drainage Improvements Phase I	Improve drainage outlets for various low areas in and around the Town of Houston. Phase I is for Breeder's Crown	Construction	\$ 90,000.00	33	18
16	2006	Greenbriar Road / Penneypacker	Flood study	Engineering	\$ 15,000.00	11	15
17	2015	Pearsons Corner Road / Trice	Approx. 1,500' of pipe and catch basins	Engineering	\$ 100,000.00	29	15
18	2015	1778 Peachtree Run / Walsh	Approx. 4,000' of open ditch construction	Land Rights	\$ 40,000.00	34	16
19	2018	Smyrna Leipsic Rd / Scuse	Approx. 450' of stormdrain and 3 catch basin installation	Engineering	\$ 100,000.00	28	14
20	2017	Willow Grove Rd / Pratt	Approx. 1,000' of 6" tile and well installation	Scoping	\$ 10,000.00	30	15
21	2012	Voshells Cove, Richard Blvd. / Gibson	Approx. 2,000' of channel reconstruction	Scoping	\$ 30,000.00	29	15
22	2011	Persimmon Park Place	Approx. 4,000' of channel reconstruction	Scoping	\$ 675,000.00	28	17, 14
23	2002	Pearsons Corner Road / Sbriglia	Approx. 5,000' of ditch reconstruction	Land Rights	\$ 10,000.00	11, 29	15
24	2011	Plymouth Road / Langley Drainage Improvements	Approx. 750' of channel reconstruction	Engineering	\$ 8,000.00	30	15
25	2011	Plymouth Road / Miller Drainage Improvements	Approx. 450' of channel reconstruction	Engineering	\$ 5,000.00	30	15
26	2004	Barbara Blvd., Breezewood / Cerbone	Approx. 4,000' of ditch reconstruction	Engineering	\$ 37,800.00	34	16
27	2008	Bryn Zion Road / Timber Mills / Kreiger	Replace approx. 1,200' of deteriorated stormdrain and install approx. 4 catch basins	Engineering	\$ 200,000.00	11	15
28	2004	Raughley Hill Road / Faircloth	Approx. 2,400' of ditch reconstruction	Scoping	\$ 25,000.00	30	18
29	2017	N. Little Creek Rd / Denham	Pipe replacement	Engineering	\$ 50,000.00	32	17
30	2007	W. Denneys Road, near Maidstone Branch Road / Blose / Foltz	Reconstruct approx. 4,000' of channel outlet	Scoping	\$ 80,000.00	29	15
31	2013	Abbotts Pond Road / Gallagher	Reconstruct approx. 1,000' of channel outlet and replace DelDOT crossing pipe	Scoping	\$ 20,000.00	30	18
32	2010	Hazelwood Subdivision Drainage Improvements	Roadside swale or pipe along private road and improve drainage outlet for Hazelwood subdivision	Engineering	\$ 40,000.00	28	14
33	2011	Pearsons Corner Road / Durham	Reconstruct approx. 2,000' of channel outlet	Scoping	\$ 20,000.00	29, 11	15
34	2012	Andrews Lake Road / Baker	Approx. 4,000' of channel reconstruction	Scoping	\$ 40,000.00	33	16
35	2011	Dyke Branch Road / Kelty	Approx. 900' of channel reconstruction	Scoping	\$ 6,480.00	29	17
36	2011	West Big Woods Road / Lafon	Approx. 500' of channel reconstruction	Scoping	\$ 5,000.00	28	15
37	2011	West Evens Road / Seeley	Approx. 2,500' of channel reconstruction	Scoping	\$ 30,000.00	34	16
38	2007	Burnite Mill Road / Dearman	Reconstruct approx. 4,000' of channel outlet	Scoping	\$ 60,000.00	30	15
39	2011	Hidden Pond, Felton	Approx. 2,000' of channel reconstruction	Engineering	\$ 10,000.00	30	15
40	2017	751 Oak Point School Rd / Slack	Approx. 1,000' of ditch reconstruction and regrade yard	Scoping	\$ 10,000.00	11	15

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Kent County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
41	2012	North Rehoboth Blvd., Milford / Kent Sussex Industries	Bank stabilization	Scoping	\$ 35,000.00	33	18
42	2012	Rosebowl Road / Seeney	Approx. 2,000' of channel reconstruction	Scoping	\$ 30,000.00	29	15
43	2012	South State Street / Young	Stormdrain maintenance	Scoping	\$ 20,000.00	34	16
44	2012	Star Hill Village, Lingo Drive / Freeman	Stormdrain maintenance	Scoping	\$ 35,000.00	34	16
45	2012	Windward Drive, Lakewind / Whidby	Subdivision stormdrain maintenance	Scoping	\$ 30,000.00	33	16
46	2013	Big Ditch Road / Szweczyk	Reconstruct approx. 600' of channel outlet	Scoping	\$ 5,000.00	11	15
47	2013	Carpenters Bridge Road / Wooters	Reconstruct approx. 2,000' of channel outlet	Scoping	\$ 20,000.00	33	15, 18
48	2013	Clapham Road / Roe	Reconstruct approx. 1,000' of channel outlet	Scoping	\$ 15,000.00	33	16
49	2013	Deep Grass Lane / Griffith	Reconstruct approx. 4,000' of channel outlet	Scoping	\$ 40,000.00	30, 33	18
50	2013	Dickerson Street/Clayton/Pazdalski	Reconstruct approx. 600' of channel outlet	Scoping	\$ 5,000.00	28	14
51	2013	Evens Road / Stevens / Dill	Repair and/or replace 6" tile outlet	Scoping	\$ 7,500.00	34	16
52	2013	Little Mastens Corner Road / Alexander	Reconstruct approx. 1,000' of channel outlet	Scoping	\$ 10,000.00	30	15
53	2013	Paradise Alley Road / Wright	Solution to be determined	Scoping	\$ 20,000.00	30	15
54	2013	Twin Eagles Farms / Caldwell	Reconstruct approx. 7,000' of channel outlet	Scoping	\$ 70,000.00	11	15
55	2013	Willow Grove Road / Blawn	Reconstruct approx. 1,000' of channel outlet	Scoping	\$ 15,000.00	34	15
56	2014	Bethesda Tax Ditch / Shetzler	Bank stabilization	Scoping	\$ 15,000.00	11	15
57	2014	Bowers Beach Road / Tuthill	Reconstruct approx. 300' of channel outlet	Scoping	\$ 5,000.00	33?	16
58	2014	Bryn Zion Road / Tackett	Install approx. 300' of new stormdrain	Scoping	\$ 20,000.00	11	14
59	2014	Thompsonville Road / Cohee	Reconstruct approx. 3,500' of channel outlet	Scoping	\$ 25,000.00	33	16
60	2014	Vining Road, Pharsalia	Bank stabilization and/or stream restoration	Scoping	\$ 20,000.00	34	16
61	2014	Woodmill Drive / Hill	Reconstruct approx. 2,500' of channel outlet	Scoping	\$ 20,000.00	31	17
62	2004	Midtree Drive / Murphy	Approx. 600' of ditch reconstruction	Scoping	\$ 6,000.00	33	18
63	2004	North Little Creek Road / Maurer / Miller	Replace approx. 1,200' of stormdrain	Scoping	\$ 36,000.00	32	17
64	2005	Swain Ave., Tara Subdivision / Murray	Reconstruct approx. 1,200' of road side swale within Tara Subdivision	Scoping	\$ 24,000.00	33	16
65	2011	Owls Nest Road / Payes	Approx. 800' of channel reconstruction	Scoping	\$ 5,000.00	11	15
66	2006	Commerce Street, Cheswold / Caldwell	Repair approx. 500' of deteriorated stormdrain	Engineering	\$ 65,000.00	29	15
67	2006	Karl Drive, Eberton / Towery	Remove debris from existing ditch	Scoping	\$ 3,000.00	29	17
68	2006	Seven Hickories Road / Towery	Reconstruct approx. 1,000' of existing ditch	Scoping	\$ 12,000.00	29	15
69	2007	Carlson Way	Reconstruct approx. 3,500' of channel outlet	Scoping	\$ 60,000.00	29	15
70	2007	North Little Creek Road / Desanto	Install approx. 400' of stormdrain and reconstruct approx. 300' of channel	Engineering	\$ 20,000.00	32	17, 16
71	2008	Paradise Lane / Pallum / Looney	Beaver dam removal	Scoping	\$ 5,000.00	31	17
72	2009	Millington Road / Walsh	Approx. 1,000' of outlet reconstruction	Scoping	\$ 12,000.00	11	15
73	2010	McGinnis Pond Road / Wilgus	Reconstruct approx. 1,000' of channel outlet	Scoping	\$ 12,000.00	33	16
74	2010	Millchop Lane / Perry	Approx. 500' of ditch reconstruction	Scoping	\$ 6,000.00	34	16
75	2010	Mt. Friendship Road / Miller	Pipe replacement and ditch reconstruction	Scoping	\$ 20,000.00	29	15
76	2010	Westville Road / Hurd	Approx. 500' of ditch reconstruction	Scoping	\$ 4,000.00	29	15
77	2011	Moose Lodge Road / Larrimore Drainage Improvements	Approx. 2,500' of channel reconstruction	Scoping	\$ 30,000.00	34	16
78	2011	Woods Haven / New Wharf Road Drainage Improvements	Approx. 2,000' of channel reconstruction and replace and/or repair portion of stormdrain system	Engineering	\$ 65,000.00	33	18
79	2015	155 Carlisle Dr. / Macolley	Install yard basin and approx. 200' of pipe out to road side pipe.	Scoping	\$ 20,000.00	29	15
80	2015	128 Rocky Meadows Ln. / Reyna	Approx. 3,000' open ditch construction	Scoping	\$ 20,000.00	29	17
81	2015	1463 Hartly Rd. / Hightman	Approx. 200' of open ditch construction	Scoping	\$ 1,000.00	29	15
82	2015	272 Mt. Friendship Rd. / Sebastianelli	Replace approx. 1,000' of tile	Land Rights	\$ 8,000.00	29	15
83	2015	3 Vigil Ct. / Jester	Yard basin and approx. 200' of 6" tile installation	Scoping	\$ 2,000.00	29	15
84	2015	307 Gettysburg Rd. / Burton	Repair existing pipe joint.	Scoping	\$ 1,000.00	31	17
85	2015	50 Bulldog Dr. / Gondeck	Approx. 3,000' of open ditch construction.	Scoping	\$ 20,000.00	32	17
86	2015	53 East St. / Hutchins	Pipe replacement with catch basin	Scoping	\$ 50,000.00	29	15
87	2015	566 Upper King / Mathews	Approx. 4,000' of open ditch construction and approx. 500' of pipe replacement	Scoping	\$ 70,000.00	34	15
88	2015	651 Strauss Ave. / Pinder	Replace approx. 450' of 24" corrugated metal pipe and install three catch basins.	Scoping	\$ 40,000.00	29	15
89	2015	27 Wildwood Road / Fairfield Farms / Ott	Streambank stabilization on Isaac's Branch	Scoping	-	34	16
90	2015	7435 Pearsons Corner Rd. / Scott	Approx. 600' of open ditch construction.	Scoping	\$ 3,000.00	29	16
91	2015	75 Aspencade Dr. / Washington	Approx. 800' of open ditch construction and total disposal of debris.	Scoping	\$ 10,000.00	34	15
92	2015	86 Logan Dr. / Johnson	Approx. 500' of open ditch construction and approx. 90' of pipe replacement	Scoping	\$ 20,000.00	30	15
93	2015	Still Rd / Berhaier / Storage	Approx. 9,000' of open ditch	Scoping	\$ 45,000.00	30	15
94	2016	Tomahawk Tax Ditch / Greenwood Rd	Prong 6 bank stabilization	Scoping	\$ 40,000.00	30	18
95	2016	410 Holletts Corner Rd / Thorstenson	Approx. 4,000' of ditch reconstruction and pipe replacement	Permitting	\$ 40,000.00	11	15
96	2016	12338 South Dupont Hwy. / Alam	Approx. 2,500' of ditch reconstruction	Scoping	\$ 25,000.00	30	15
97	2016	703 Fence Post Ln. / Burgess	Approx. 4,000' of ditch reconstruction	Scoping	\$ 40,000.00	34	17
98	2016	2608 Hunting Quarter Rd. / Passwaters	Approx. 1,500' of ditch reconstruction	Scoping	\$ 10,000.00	30	18
99	2016	863 Peach Basket Rd. / Crouch	Approx. 1,500' of ditch reconstruction	Scoping	\$ 10,000.00	30	15

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Kent County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
100	2016	1335 Hazlettville Rd. / Rogers	Approx. 2,000' of ditch reconstruction and new pipe under road	Scoping	\$ 30,000.00	29	15
101	2016	3132 Kenton Rd. / Kaper	Approx. 300' of ditch reconstruction	Scoping	\$ 3,000.00	29	15
102	2016	866 Sunnyside Rd. / Jones	Approx. 150' of road side swale	Scoping	\$ 2,000.00	29	14
103	2016	52 Luther Marvel Rd. / Smith-Morlock	Approx. 600' of road side ditch and pipe	Scoping	\$ 6,000.00	11	15
104	2016	245 Artis Dr. / Emerson	Approx. 3,000' of ditch reconstruction	Scoping	\$ 30,000.00	29	17
105	2016	861 Rothermel Rd. / Runkel	Approx. 1000' of road side swale and/or ditch	Scoping	\$ 10,000.00	33	18
106	2016	936 Proctors Purchase Rd. / Walker	Approx. 500' of ditch reconstruction	Scoping	\$ 5,000.00	11	15
107	2016	3698 Judith Rd. / Gonzalez	Approx. 4,000' of ditch reconstruction	Scoping	\$ 40,000.00	11	15
108	2016	56 Myrtle St. / English	Backyard drainage improvements	Scoping	\$ 30,000.00	28	14
109	2016	2887 McKee Rd. / Pruett	Approx. 1,000' of ditch reconstruction and pipes	Scoping	\$ 20,000.00	29	15
110	2016	2484 Arthursville Rd / Metheny	Approx. 500' of open ditch	Scoping	\$ 10,000.00	11	15
111	2016	414 Turkey Point Rd / Thompson	Approx. 800' of open ditch	Scoping	\$ 16,000.00	34	16
112	2016	292 Evelynedale Dr. / Ballis	Approx. 2,000' of road side ditches	Scoping	\$ 75,000.00	29	17
113	2016	105 Fox Hall Dr / Posey	Approx. 800' of open ditch	Scoping	\$ 16,000.00	31	17
114	2016	219 Fox Crossing Dr. / Foltz	Approx. 1,000' of open ditch and replace 2 pipes	Scoping	\$ 30,000.00	11	15
115	2017	115 Stevenson Dr / McDonald	Approx. 4,500' of open ditch in yards	Scoping	\$ 70,000.00	34	16
116	2017	1472 Log Cabin Rd / Peterman	Approx. 4,500' of open ditch and pipe replacement	Scoping	\$ 35,000.00	33	16
117	2017	1697 Sorghum Mill Rd. / Hoffecker	Approx. 600' of ditch reconstruction and bank stabilization.	Scoping	\$ 20,000.00	34	16
118	2017	299 Daniel Rodney Dr. / Bryant	Pipe repair	Scoping	\$ 5,000.00	32	16
119	2017	4134 Dupont Hwy. / Kiser	Approx. 1,700' of ditch reconstruction.	Scoping	\$ 10,000.00	29	17
120	2017	727 Twin Willows Rd / Boyer	Approx. 100' of ditch reconstruction and repair or replace old dam.	Scoping	\$ 20,000.00	28	14
121	2017	Carlisle Village / Palchik	Approx. 350' of ditch reconstruction	Scoping	\$ 2,500.00	29	15
122	2017	Gunter Road / Hamonko	Approx. 700' of ditch reconstruction and replace two pipes	Scoping	\$ 10,000.00	11	15
123	2017	Millchop Lane / Shuford	Approx. 2,000' of ditch reconstruction and approx. 200' of pipe replacement	Scoping	\$ 40,000.00	34	16
124	2017	Pearsons Corner Rd / Mosley	Approx. 1,500' of ditch reconstruction	Scoping	\$ 7,500.00	29	15
125	2017	Pearsons Corner Rd / Simpers	Approx. 2,300' of ditch reconstruction	Scoping	\$ 25,000.00	29	15
126	2017	Brook Court / Nabb	Approx. 1,700' of ditch reconstruction	Scoping	\$ 15,000.00	11	15
127	2018	85 Laurel Dr / Malago	Approx. 600' of stormdrain system and 5 catch basins installation	Scoping	\$ 125,000.00	32	17
128	2018	Brookview Ave / Hans	Rock outlet protection	Scoping	\$ 7,000.00	34	16
129	2018	Central Church Rd / Pritchett	Approx. 800' of open ditch, approx. 500' of stormdrain, and 3 catch basins	Scoping	\$ 100,000.00	29	15
130	2018	Cypress Branch Rd / Goodwill	Approx. 300' of stormdrain system and 3 catch basins	Scoping	\$ 60,000.00	32	16
131	2018	Fast Landing Rd / Mack	Approx. 500' of open ditch	Scoping	\$ 10,000.00	28	14
132	2018	Gravelly Run Tax Ditch S-3 of S-12 of P-8	Approx. 800' of open ditch reconstruction	Scoping	\$ 10,000.00	11	15
133	2018	Heritage Dr / Hutchins	Approx. 2,000' of open ditch	Scoping	\$ 15,000.00	31	17
134	2018	Janice Dr / Reinholz	Approx. 2,000' of open ditch	Scoping	\$ 20,000.00	34	16
135	2018	Marvels Crossroads Tax Ditch Dipout	Approx. 3,200' of open ditch	Scoping	\$ 25,000.00	33	18
136	2018	Marydel Tax Ditch Prong H / Steele	Bank stabilization	Scoping	\$ 30,000.00	11	15
137	2018	The Mead / Cooper	Approx. 100' of open ditch, approx. 200' of stormdrain, and 2 catch basins installation	Scoping	\$ 50,000.00	33	18
138	2018	Tobacco Rd / Fulton	Approx. 600' of open ditch	Scoping	\$ 20,000.00	29	15
139	2018	Vernon Tax Ditch	Approx. 5,000' of tax ditch dip out	Scoping	\$ 10,000.00	30	15
140	2018	Westville Rd / Profaci	Approx. 1,000' of open ditch	Scoping	\$ 10,000.00	29	15
141	2018	Woodland Beach Rd / Richards	Approx. 2,000' of open ditch	Land Rights	\$ 15,000.00	28	14
142	2018	Woods Edge Rd / Loeffler	Approx. 300' of yard drainage	Scoping	\$ 10,000.00	30	15
143	2018	Woodyard Rd / Brubaker	Approx. 800' of open ditch and approx. 100' of tile drainage	Scoping	\$ 40,000.00	30	18
144	2019	Delshire Dr. / Bastian	Swale and/or tile construction	Scoping	\$ 10,000.00	29	17
145	2019	Fast Landing Road / Worshan	Regrading and open ditching	Scoping	\$ 20,000.00	29	17
146	2019	Fulton St. / Coker	Reconstruction of approx. 1,500' of open ditch and replacement of pipe crossings.	Scoping	\$ 20,000.00	29	15
147	2019	Glohaven Ct. / Harvey	Backyard drainage and/or reconstruct swale	Scoping	\$ 20,000.00	34	16
148	2019	Logan Dr. / Cooper	Reconstruction of approx. 1,100' of roadside swale and repair of driveways.	Scoping	\$ 80,000.00	29	17
149	2019	Lynnbury Woods Road / Kern	Reconstruction of approx. 1,000' of open ditch and replacment of 4 pipe crossings.	Scoping	\$ 80,000.00	29	18
150	2019	Midstate Road / George	Reconstruction of approx. 2,000' of roadside ditch and installation of 10 pipes	Scoping	\$ 40,000.00	33	16
151	2019	N. Erin Ave / Wright	Backyard drainage and/or tile system	Scoping	\$ 10,000.00	30	15
152	2019	Parkway Dr. / Lucas	Repair catchbasins and fill sinkhole around existing catchbasins	Scoping	\$ 10,000.00	29	17

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Kent County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
153	2019	Pinewood Acres Mobile Home Park / Moore	Reconstruction of approx. 2,000' of open ditch.	Scoping	\$ 12,000.00	29	15
154	2019	W. Denneys Rd. / Opdyke	Reconstruction of approx. 2,000' of open ditch including a portion through residential yards.	Scoping	\$ 20,000.00	29	15
155	2019	West Milby St. / Benson	Reconstruction of approx. 500' of ditch.	Scoping	\$ 5,000.00	30	18
156	2000	Rodney Village / Abbate	Approx. 2,000' of channel reconstruction	Scoping	\$ 25,000.00	32	17
157	2004	South Dupont Hwy. / McGowan	Approx. 1,600' of ditch reconstruction and replace approx. 3 private crossing pipes	Scoping	\$ 24,000.00	30	18
158	2004	Overlook on Silver Lake / Richardson	Retrofit catch basin	Scoping	\$ 20,000.00	31	17
159	2010	Lucky Estates Subdivision Drainage Improvements	Improve drainage outlet for Lucky Estates Subdivision	Scoping	\$ 50,000.00	30	18
160	2005	Dyke Branch Road / Friedman	Reconstruct approx. 1,000' of ditch through and along yards into wooded wetland	Engineering	\$ 8,000.00	29	17
161	2011	Chesapeake Bay, Kent County, Conservation Initiatives	Various channel and wetland restoration and creation projects	Scoping	\$ 100,000.00	11, 29, 30	15, 18
162	2010	Planters Woods Subdivision Drainage Improvements	Improve drainage outlet for Planter's Woods Subdivision stormwater ponds	Scoping	\$ 30,000.00	29	15
163	2002	Wyoming Mill Pond Spillway - Bank Stabilization	Approx. 750' of bank stabilization	Scoping	\$ 120,000.00	31, 34	17
164	2013	Town of Little Creek	Reconstruct, restore, and enhance approx. 6,000' of channel outlet	Scoping	\$ 60,000.00	28	16
165	2004	Kitts Hummock Drainage Improvements - Phase II	Approx. 3,000' of ditch reconstruction through marsh	Scoping	\$ 120,000.00	32	16
166	2000	Beech Drive, Eden Rock / Carson Phase II	Remove invasive species from pond and revegetate with native plants	Scoping	\$ 5,000.00	29	15
167	2007	Fairfield Drive / Krum Phase 2	Reestablish approx. 1,000' of drainage way through yards	Scoping	\$ 75,000.00	34	16
168	2000	Silver Lake Water Management Project - Dover Pool	Design and construct approx. 200' of a regenerative stormwater conveyance system	Scoping	\$ 100,000.00	28, 31	17
169	2008	Puncheon Run Drainage & Stormwater Improvements	Stream and drainage improvements	Scoping	\$ 250,000.00	31, 32	16, 17
170	2011	Fox Hall / Carnoustie Road	Approx. 1,000' of channel reconstruction	Scoping	\$ 3,600.00	31	17
171	2005	Rt. 44 / Fedewa	Reconstruct approx. 1,000' of channel outlet (Rt. 44 / Altemus Phase 2)	Land Rights	\$ 6,600.00	11	15
172	2012	Persimmon Park Place / Blanchfield	Reconfigure stormdrain system	Scoping	\$ 25,000.00	28	17, 14
173	2001	Town of Clayton Drainage Improvements Phase III	Stormdrain improvement for the west side of the Town of Clayton	Scoping	\$ 70,000.00	28	14
174	2006	Town of Camden West Street Drainage Improvements	Ditch reconstruction and stormdrain improvements within the Town of Camden in the vicinity of West Street	Scoping	\$ 350,000.00	34	17
175	2017	267 Pardoners Tale Ln. / Jefferson	Pipe repair	Scoping	\$ 5,000.00	30	15
176	2004	Rt. 44 / Altemus Phase 2	Approx. 500' of ditch reconstruction	Land Rights	\$ 15,000.00	11	15
177	1998	South Little Creek Road / Little	Approx. 4,000' of ditch reconstruction, replace DelDOT road crossing pipe, and repair and/or replace existing pond outlet structure	Scoping	\$ 300,000.00	32	17, 16
178	2010	Drake Ct., Wild Quail / Susan Cook	Approx. 200' of storm drain repair	Scoping	\$ 20,000.00	29	15
179	2011	Wild Quail Drainage Improvements Phase II	Replace and/or repair various stormdrains and stormdrain outlets	Funding	\$ 150,000.00	29	15
180	1998	Lockwood Chapel Road / Krupka Phase 2 (Main)	Approx. 3.5 miles of ditch reconstruction	Scoping	\$ 200,000.00	11	15
181	2002	Apple Grove School Road, Washington / Todds Mill Road	Stream improvements	Scoping	\$ 12,000.00	29, 31	15
182	2002	Hazletville Road / Blann	Approx. 4,000' of ditch reconstruction	Scoping	\$ 30,000.00	11, 29	15
183	2004	Judith Road / Sego	Approx. 6,000' of ditch reconstruction and replace 3 private crossing pipes	Scoping	\$ 36,000.00	11	15
184	2005	Deer Track Lane / Snyder	Approx. 4,000' of channel reconstruction	Scoping	\$ 35,000.00	29	17
185	2000	Silver Lake Water Management Project	Update water management practices for the Silver Lake Watershed	Scoping	\$ 387,000.00	31	17
186	2010	Town of Houston Drainage Improvements Phase II	Improve drainage outlets for various low areas in and around the Town of Houston. Phase II is for Front Street	Scoping	\$ 90,000.00	33	18
187	2010	Town of Houston Drainage Improvements Phase III	Improve drainage outlets for various low areas in and around the Town of Houston. Phase III is for Deep Grass Rd	Scoping	\$ 90,000.00	33	18
188	2000	Silver Lake Water Management Project - Central Middle School	Design and construct approx. 200' of a regenerative stormwater conveyance system	Scoping	\$ 25,000.00	31	17
189	2011	Deer Valley Road / Lear	Approx. 3,000' of channel reconstruction	Scoping	\$ 30,000.00	33	18
190	2012	Breeders Crown Farm, Foal Court / Roy Jones	Subdivision stormdrain upgrade	Scoping	\$ 25,000.00	33	18

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Kent County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
191	2013	Brownsville Road / Arthur Biggs	Reconstruct approx. 2,000' of channel outlet	Scoping	\$ 20,000.00	30	15
192	2020	Kitts Hummock Road / Webb	Tile drainage for crossroad pipe	Scoping	\$ 10,000.00	32	16
193	2020	Rt-9 / Wicks	Tile drainage for crossroad pipe	Scoping	\$ 30,000.00	28	14
194	2020	Downes Drive / Rodden	Channel reconstruction	Scoping	\$ 50,000.00	11	15
195	2020	W. Fairway Circle / Hugg	Channel construction and pipe installation	Scoping	\$ 80,000.00	29	15
196	2020	Pearsons Corner Road / Passwaters	Cleanout of roadside ditching and reset driveway pipes or tile drainage installation to the rear of property	Scoping	\$ 60,000.00	29	15
197	2020	Windrow Way / Moreau	Reconstruction of swales	Scoping	\$ 10,000.00	33	16
198	2020	Kenton Road / Stotler	Reconstruction of swales	Scoping	\$ 7,000.00	29	15
199	2020	Farmington Drainage / Butler	Open ditch reconstruction	Scoping	\$ 10,000.00	30	16
200	2020	Hopkins Cemetery Road / Peterson	Installation of new pipe system along road	Scoping	\$ 60,000.00	30	15
201	2020	Paradise Alley Road / Bailey	Installation of new tile system for road pipe	Scoping	\$ 30,000.00	30	15
202	2020	Fernwood Drive / Webber	Construct open ditch through Fernwood Development	Scoping	\$ 25,000.00	30	16
203	2020	Rose Dale Lane / Fleitz	Construction of open ditch and tile drainage	Scoping	\$ 50,000.00	11	15
204	2020	Plum Drive / Hurd	Fix pipe with a sink hole and construct outlet ditch	Scoping	\$ 50,000.00	34	16
205	2020	Ironmine Road / Ford	Construct open ditch	Scoping	\$ 20,000.00	30	15
206	2020	1679 DuPont Highway / KCD	Pipe and catch basin repair	Engineering	\$ 50,000.00	32	16
207	2020	Kenton Rd. / High Street	Storm drain system	Scoping	\$ 75,000.00	30	18
208	2020	McKee Rd. / Pruett	Reconstruction of open ditch and replacement of pipes	Scoping	\$ 25,000.00	29	15
209	2020	Moore's Meadows	Construction of open ditch	Scoping	\$ 50,000.00	29	17
210	2020	Williamsville Rd. / Pike	Reconstruction of open ditch and replacement of pipes	Scoping	\$ 50,000.00	11	15
SUBTOTAL - Kent County Active Projects					\$ 17,228,402		

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Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
1	2009	Chesapeake Bay Watershed VOP	Removal of debris from degraded drainage channels utilizing Violators of Probation (VOP) Program at the Sussex Community Correction Center	Construction	\$ 65,000	35, 40, 39, 37, 41, 36	18, 19, 20, 21
2	2009	Delaware Bay Watershed VOP	Removal of debris from degraded drainage channels utilizing Violators of Probation (VOP) Program at the Sussex Community Correction Center	Construction	\$ 125,000	14, 20, 35, 36, 37	6, 18, 19
3	2009	Inland bays Atlantic Ocean Watershed VOP	Removal of debris from degraded drainage channels utilizing Violators of Probation (VOP) Program at the Sussex Community Correction Center	Construction	\$ 167,000	14, 20, 37, 38, 40, 41	6, 19, 20, 21
4	2011	Diamond Acres / Jones Drainage Improvements	Retrofit failed infiltration pond.	Construction	\$ 160,000	41	20
5	2012	Silver Lake / Rehoboth Phase II	Improvements to outfall of Silver Lake.	Engineering	\$ 225,000	14	6
6	2007	Little Hill Rd / Leonard Drainage Improvements Phase I	Maintenance and pipe replacements of ditch through Trap Pond State Park that provide outlet to crossing beneath Little Hill Rd and roadside drainage maintenance along Little Hill Rd.	Land Rights	\$ 70,000	40	21
7	2015	Nanticoke Watershed Parrot Feather Eradication	Treatment program for the removal of Parrot Feather milfoil. Partnership with several tax ditches and SCD.	Planning	\$ 10,000	30, 35	18, 19
8	2013	Carslyan Acres / Jordan Drainage Improvements	Reconstruct drainage in the Carslyan Acres Development	Engineering	\$ 150,000	20	6
9	2019	Herring Branch Tax Ditch Main / Johnson / McCabe	Replacement of approx. 300' of stormdrain and catchbasins.	Land Rights	\$ 75,000	41	20
10	2004	Baltimore Avenue / Cheeks Public Ditch	Approx. 800' of ditch reconstruction, pipe installation, and spoil disposal	Construction	\$ 80,000	38	20
11	2014	Oak Orchard Drainage Improvements - Phase 1	Drainage improvements to the intersection of Mercer Avenue and Forest Drive. Oak Orchard Phase 1 and Phase 4 will be completed by the same contract.	Land Rights	\$ 750,000	37	20
11.1	2014	Oak Orchard Drainage Improvements - Phase 4	Drainage Improvements to Oak Orchard Road and Captains Grant. Oak Orchard Phase 1 and Phase 4 will be completed by the same contract.	Land Rights	\$ 76,000	37	20
12	2014	Little Bay T.D. / Oceanside Pkwy Culvert Replacement	Replacement of culvert under Oceanside Pkwy.	Engineering	\$ 400,000	38	20
13	2007	Rd 550 / Harry Simiomick Drainage Improvements	Proposed wetland/stormwater pond construction and approx. 4,500' of channel reconstruction.	Engineering	\$ 140,000	39	21
14	2017	Russel Rd. / Harris	Maintenance of approx. 1,900' of existing ditch with installation of crossing at farm lane.	Land Rights	\$ 50,000	35	19
15	2009	Trap Pond Rd / White Drainage Improvements	Floodplain enhancement and minor cleanout of sediment/debris from channel	Engineering	\$ 40,000	40	21
16	2017	Reid / Delmar Rd	Maintenance of nonfunctioning drainage ditch	Engineering	\$ 40,000	40	21
17	2013	Town of Bethel / Snake Road Drainage Improvements Phase I	Regrade swale and replace culvert under Sailor's Path	Engineering	\$ 25,000	40	21
18	2008	Bear Hole Tax Ditch / Johnson	Bank stabilization of Prong 9 of Bear Hole Tax Ditch	Permitting	\$ 35,000	38	20
19	2019	Dukes Job Tax Ditch / Morris Bank Stabilization	Bank stabilization on the Main of Dukes Jobs Tax Ditch above Prong 5	Engineering/Permitting	\$ 60,000	40	21
20	2008	Old Rauetmack / Malone Drainage Improvement Phase II	Westerlee Subdivision Development drainage improvements	Engineering	\$ 200,000	40	21
21	2019	Johnson Road (S434A) / Wojciechowski/ McCabe	Reconstruction of 3,000' of channel and/or addition of Prong to Indian Drain Tax Ditch	Engineering	\$ 75,000	40	21
22	2019	Mt. Joy Road / Hoopes	Addition of Prong to L&T Tax Ditch	Engineering	\$ 40,000	18	37
23	2012	Woodpecker Rd / Wollschlager Drainage Improvements	Cleanout approx. 6,000' of ditch	Scoping	\$ 60,000	39	21
24	2012	Ennis Road/ Owens Drainage Improvements	Approx. 200' of ditch maintenance	Land Rights	\$ 15,000	37	19
25	2015	Pepper Creek Tax Ditch Bank Stabilization	Bank stabilization of Pepper Creek Tax Ditch downstream of the railroad crossing on Prong 6.	Land Rights	\$ 35,000	41	20
26	2019	Pusey Road / Hudson	Reconstruction of approx. 5,000' of agricultural drainage ditches	Land Rights	\$ 40,000	40	20
27	2018	Frankford Library/Green Street Drainage Improvements	Replacement of approx. 300' of stormdrain pipe and maintenance of approx. 250' drainage ditch	Scoping	\$ 75,000	38	20
28	2018	Clearbrooke Estates / Damms	Improve swale conveyance within development and add outlet to Hearn's pond. (DC 2017-173)	Scoping	\$ 750,000	35	19

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
29	2014	Oak Orchard Drainage Improvements - Phase 5	Drainage Improvements to Oak Meadows Subdivision.	Engineering	\$ 918,000	37	20
30.1	2012	Broadkill Beach Drainage Improvements Phase 1	Drainage inlet and 25' feet of storm drain with backflow prevention on Bayshore Drive. All Bay Beach Project will be completed with on the same construction contract	Engineering	\$ 37,000	36	18
30.2	2012	Broadkill Beach Drainage Improvements Phase 2	Regrade 130' of existing gravel roadway on California Avenue. All Bay Beach Project will be completed with on the same construction contract	Engineering	\$ 27,000	36	18
30.3	2012	Broadkill Beach Drainage Improvements Phase 3	Installation of a 50' gravel infiltration trench on Arizona Avenue. All Bay Beach Project will be completed with on the same construction contract	Engineering	\$ 40,000	36	18
30.4	2012	Primehook / Fowlers Beach Drainage Improvements Phase 1	340' of storm drain and inlets with backflow prevention on Shore Drive. All Bay Beach Project will be completed with on the same construction contract.	Engineering	\$ 94,000	36	18
30.5	2012	Slaughter Beach Drainage Improvements Phase 1	Regrade portions of Passwaters Drive and Marina Lane and install roadside drainage. All Bay Beach Project will be completed with on the same construction contract	Engineering	\$ 147,000	36	18
30.6	2004	Lewes Beach Drainage Improvements Phase 1	Installation of 130' gravel infiltration trench and storm drain outfall at the intersection of Fort Lewes Court and Henlopen Drive. All Bay Beach Project will be completed with on the same construction contract	Engineering	\$ 66,000	20	6
31	2014	Oak Orchard Drainage Improvements - Phase 3	Drainage improvements to the intersection of River Road, Cerise Avenue, & Roberta Lane.	Engineering	\$ 951,000	37	20
32	2014	Oak Orchard Drainage Improvements - Phase 2	Drainage improvements to River Road approx. 2,000' west of Chief Road.	Engineering	\$ 945,000	37	20
33	2006	Heritage Village / Harper	Connection of blind ditch within the Heritage Village Development to Atlanta Devonshire Tax Ditch and improvements if needed to the tax ditch system as the outlet.	Land Rights	\$ 90,000	39	21
34	2005	North Drive / Doris Kowolski	Installation of approx. 1,000' pipe with catch basins	Scoping	\$ 105,000	35	19
35	2008	Rt. 24 / Harper Fox Hollow Drainage Improvement	Approx. 500' of new pipe for drainage improvements to Fox Hollow	Planning	\$ 70,000	14	6
36	2014	Overbrook Shores / Frey Drainage Improvements	Install approx. 500' of pipe and catch basins to Carslylan Acres Tax Ditch	Engineering	\$ 150,000	20	6
37	2012	RD 207/213 Drainage Improvements	Approx. 2,700' of ditch maintenance	Engineering	\$ 75,000	35, 36	18
38	2014	East Drive / Harvey Trip Drainage Projects	Installation of approx. 700' of pipes, catch basins, and an outlet structure of existing pond.	Scoping	\$ 65,000	41	20
39	2012	Bunting Tax Ditch Prong 2 Bank Stabilization	Approx. 1,000' of bank stabilization and culvert replacement under Line Road	Engineering	\$ 150,000	38	20
40	2014	Discount Land Rd / Carter Drainage Improvements	Channel construction/addition to Prong 5 to Mirey Branch T.D. north of Discount Land Rd (S468)	Scoping	\$ 13,000	39	21
41	2015	Bay Haven Street / Scott Drainage Improvements	Drainage improvements in Roger's Haven Subdivision.	Scoping	\$ 25,000	38	20
42	2017	Whites Neck Rd / Vella	Approx. 3,200' of ditch reconstruction and cleanout of existing culvert. Drainage Improvements within White Neck Village (DC S 2019-224)	Scoping	\$ 150,000	38	20
43	2012	Crestfield / Fluharty / Valentine Drainage Improvements	Placeholder while project is developed	Planning	\$ 25,000	39	19
44	2019	Herring Branch Tax Ditch Prong 8 /Town of Frankford	Reconstruction of Prong 8 of Herring Branch Tax Ditch and improve connection with Town infrastructure	Scoping	\$ 100,000	41	20
45	2019	Anderson Corner Rd. / Marsh	Reconstruction of approx. 1,500' of ditch and replacement of culverts	Land Rights	\$ 25,000	20	19
46	2006	Shawnee Road / Weldon	Reconstruction of existing ditch and replacement of pipes (DC Kovach)	Scoping	\$ 35,000	36	18
47	2008	Walker Mill Rd / Country Glenn Drainage Improvement	Drainage improvements in development	Scoping	\$ 150,000	35	19
48	2015	Ocean Way Estates - Hoffmaster Drainage Improvements	Drainage Improvements to Ocean Way Estates	Scoping	\$ 75,000	38	20

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
49	2013	Town of Bethel / Snake Road Drainage Improvements Phase II	Approx. 3,000' of roadside drainage & approx. 3,000' of ag drainage with water quality features	Engineering	\$ 160,000	40	21
50	2014	Argyle Lane / Fise / Gugerty Drainage Improvements Phase II	Drainage improvements to Argyle Lane and construction of drainage conveyance to Kent Avenue.	Planning	\$ 175,000	38	20
51	2011	Avalon Woods / Frank Jewell Drainage Improvements	Plan, design, and construct a drainage system in the development.	Land Rights	\$ 550,000	37	19
52	2014	Reservation Trail / Grzybowski Drainage Improvements	Re-establish approx. 500' of drainage swales	Land Rights	\$ 12,000	38	20
53	2016	Harts Landing - Love Creek Pines Lane - Pizzadili Drainage Improvements	Drainage improvements to re-route flow from Harts Landing to Love Creek.	Land Rights	\$ 150,000	14	6
54	2012	Iron Mine Tax Ditch Bank Stabilization	Bank Stabilization on Main of Iron Mine Tax Ditch	Scoping	\$ 750,000	35	18, 19
55	2015	Long Neck Drainage Study	Drainage Studies and Improvements in the Long Neck Community	Scoping	\$ 100,000	37	6, 20
56	2014	Guinea Creek Tax Ditch	Creation of a new tax ditch to help Long Neck Drainage issues	Planning	\$ 600,000	37	20
57	2004	Rt. 5 & Rd. 290 / Cook Public Ditch	Creation of a new tax ditch to help intersection and adjoining drainage issues	Planning	\$ 400,000	20	6, 19
58	2005	Road 357 (Piney Point Dev.) / John Bauer	Approx. 200' pipe and catch basin installation & approx. 700' ditch maintenance	Land Rights	\$ 35,000	38	20
59	2004	Rd. 283 A / Kosinski Public Ditch	Approx. 500' ditch construction	Scoping	\$ 75,000	14	6
60	2017	Walston Walk Ct. / Greene	Clean and replace approx. 420' of open and piped ditch; coordinate with DelDOT	Scoping	\$ 50,000	38	20
61	2007	Rehoboth Beach Yacht & Country Club / Miller Drainage Improvements	Approx. 150' of pipe & catch basin installation	Scoping	\$ 50,000	14	6
62	2017	Oyster Bay / Bay Vista Rd	Ditch/swale ponding water to catch basin. Approx. 1,200' of proposed stormdrain to Rehoboth Canal	Scoping	\$ 250,000	14	6
63	2011	Teacher Rd / Cropper Drainage Improvements	Plan, design and construct drainage system in Forest Park Mobile Home Park & reconstruct approx. 3,000' of ditch.	Scoping	\$ 150,000	41	20
64	2014	Deer Run Acres Drainage Improvements	Stormwater management system upgrades to subdivision and Forest Rd (DC S292, S112-118)	Scoping	\$ 315,000	38	20
65	2014	Delaware Avenue / Godwin Drainage Improvements	Construct approx. 2,300' of ditch along Delaware Ave (S054A), private property, & railroad	Scoping	\$ 96,000	41	20
66	2006	Ockels Dr / Neal Public Ditch	Reconstruct approx. 1,800' of ditches upstream of Ockels Drive south of Blades.	Scoping	\$ 35,000	39	21
67	2004	Earnestine Hall Rd 569 nr Omar	Installation of a 18"x 250' pipe with 5 catch basins	Engineering	\$ 70,000	38	20
68	2004	Rt. 9 / Mirey Branch / Tyndall	Approx. 4,500' of ditch reconstruction	Scoping	\$ 500,000	39, 40	21
69	2008	Nanticoke River Tax Ditch Maintenance Dipout Phase III	Maintenance of approx. 4 miles of tax ditch system.	Scoping	\$ 500,000	35, 30	18, 19
70	2001	Bee Branch Bank Stabilization	Protection downstream of Rt. 13.	Scoping	\$ 60,000	35	18
71	2009	Bee Branch Tax Ditch Restoration	Design and construct approx. 2,000' of Tax Ditch stabilization and restoration	Scoping	\$ 685,000	35	18
72	2016	Bridgeville Branch Main Channel Restoration Phase II	Stabilize and/or restore Bridgeville Branch Tax Ditch between Route 13 and 13A.	Engineering/Permitting	\$ 500,000	35	19
73	2013	Georgetown Vaughn P-9	Redesign Prong 9 of Georgetown Vaugh Tax Ditch including the replacement of 500' of storm drain	Scoping	\$ 105,000	37	19
74	2015	Cart Branch Tax Ditch Prong C Bank Stabilization	Installation of approx. 300' of pipe and/or replacement piles.	Scoping	\$ 50,000	35	18
75	2010	Herring Branch Tax Ditch / Parson Bank Stabilization	Approx. 300' of bank stabilization of Herring Branch Tax Ditch Main below Rt 20	Engineering	\$ 30,000	41	20
76	2011	Deep Creek Tax Ditch Bank Stabilization Phase 1 (Purdue)	Approx. 400' of bank stabilization on the right side of the Deep Creek Tax Ditch Main Channel, located 6,600' upstream of Old Furnace Road.	Engineering	\$ 55,000	35	19
77	2008	Morgan Branch Prong 1 / Fleetwood Drainage Improvements	Reconstruct approx. 8,000' of drainage ditch Includes Hasting Estates Drainage Improvements project	Scoping	\$ 70,000	39	21
78	2010	Sandy Branch Development / Clarke	Approx. 1,200' of bank stabilization	Scoping	\$ 205,000	41	20
79	2006	Road 347 and 349 / Densmore	Approx. 2,200' of channel reconstruction and total disposal for drainage improvements to Whites Neck Village and West Ocean Farms	Scoping	\$ 70,000	38	20

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
80	2008	Fawn Rd / Rantz Drainage Improvements	Reconstruct approx. 5,000' of existing ditch, approx. 500' of new stormdrain, and approx. 1,000' of new ditch	Scoping	\$ 120,000	35	18, 19
81	2008	Hudson Rd / Harvey Drainage Improvement	Regrade road ditch approx. 1,500' to stormwater pond and address culvert under road	Scoping	\$ 70,000	20	6
82	2008	Cedar Corners Rd / Jones Drainage Improvement	Approx. 2,000' of new ditch North of intersection with Deer Forrest	Scoping	\$ 20,000	35	19
83	2008	Baker Mill Rd / Massey Drainage Improvements	Approx. 800' of stormdrain installation	Scoping	\$ 140,000	35	21
84	2006	Memory Rd / Wilkens Public Ditch	Reconstruct approx. 3 miles of drainage ditches	Scoping	\$ 125,000	30	16
85	2006	Rd 224 Baird Public Ditch	Install new pipe and catchbasins to Maple Marsh Tax Ditch	Scoping	\$ 140,000	35	18
86	2007	Camp Arrowhead Rd / Angola Neck Park / Mangini Drainage Improvements	Approx. 2,000' of ditch maintenance	Scoping	\$ 16,000	14	6
87	2006	Route 26 / Lilly Public Ditch	Construction of new ditch	Scoping	\$ 21,000	38	20
88	2007	Peppers Creek S1 of P10 Bank Stabilization	Approx. 100' of bank stabilization	Scoping	\$ 28,000	41	20
89	2010	Road 213 / Driscoll / Drainage Improvements	Approx. 2,500' of new ditch	Scoping	\$ 28,000	35, 36	18
90	2006	Doddstown Road / Tice Public Ditch	Construction of approx. 5,000' of new ditch and pipe and catch basins	Scoping	\$ 275,000	20	19
91	2008	Bethany Forrest / Madavero Drainage Improvement	Reconstruct approx. 300' of existing ditch & approx. 800' of stormdrain installation	Scoping	\$ 41,000	38	20
92	2007	Peppers Creek Rd / Dogwood Acres / McNeill Drainage Improvements	Approx. 1,050' of stormdrain and catchbasin installation	Scoping	\$ 137,500	38	20
93	2007	Rd 305 & Rd 296 / Mifflin Drainage Improvements	Approx. 2,000' of stormdrain and catchbasin installation	Scoping	\$ 205,000	37	19
94	2008	Hearns Pond Rd / Ensminger	Reconstruct approx. 8,000' of ditch and replace culvert under road	Scoping	\$ 45,000	39	19, 21
95	2007	Forrest Rd / Lewis Drainage Improvements	Approx. 2,500' of new ditch	Scoping	\$ 45,000	20	6
96	2007	Doorman Rd / Holly Oaks Drainage Study	Drainage study to determine feasibility of drainage improvements in this watershed	Scoping	\$ 35,000	20	6
97	2002	Route 13A (O'Neal Public Ditch) Phase III	Approx. 200' addition to stormdrain system with catchbasins.	Scoping	\$ 30,000	39	19, 21
98	2008	Brittingham Rd / Justice Drainage Improvement Project	Reconstruct approx. 1,000' of drainage ditch	Scoping	\$ 21,000	40	21
99	2008	Concord Pond Rd / Hudson	Reconstruct approx. 5,000' of drainage ditch	Scoping	\$ 55,000	35, 39	19
100	2008	Jefferson Bridge Rd / Chandross	Reconstruct approx. 1 mile of existing ditch	Scoping	\$ 27,500	38	20
101	2008	Lawson Rd / Setzer Drainage Improvement	Approx. 4000' of new ditch	Scoping	\$ 35,000	37	19
102	2008	Nat Turner Street / Lane Drainage Improvements	Approx. 600' of new ditch	Scoping	\$ 7,000	35	19
103	2008	New Rd (391) / Higgs Drainage Improvement	Approx. 300' of ditch within woods	Scoping	\$ 14,000	38	20
104	2008	Old Furnace Rd / Bull Drainage Improvements	Approx. 1,000' of storm drain	Scoping	\$ 137,500	39, 35	19
105	2008	Rd. 350 / Gladwin Drainage Improvement	Reconstruct approx. 600' of existing ditch	Scoping	\$ 14,000	38	20
106	2008	Rt. 10 / Dorharty Drainage Improvement	Approx. 400' of new ditch and approx. 1,100' of storm drain	Scoping	\$ 275,000	35, 39	21
107	2008	Rt. 13A / Spicer Drainage Improvement	Approx 1,000' of new storm drain	Scoping	\$ 105,000	39	21
108	2008	Shingle Point Rd / Antonio Drainage Improvement	Reconstruct approx. 1,000' of drainage ditch	Scoping	\$ 21,000	20	6
109	2009	Sowbrise Rd / Hue Drainage Improvements	Cleanout approx. 2,000' of existing drainage ditch	Scoping	\$ 28,000	36	19
110	2009	City of Rehoboth Country Club Estates Drainage Improvements	Design and install a storm septic upgrade to the existing storm drain. Reduce total suspended solids discharged to Silver Lake.	Scoping	\$ 190,000	14	6
111	2010	Bay View Rd / Mahon Drainage Improvement	Approx. 100' of new storm drain and approx. 300' of ditch reconstruction	Scoping	\$ 35,000	14	6
112	2010	Old Meadow Rd (Hananfeld)	Approx. 2,500' of new ditch and regrade ditch	Scoping	\$ 22,000	39	19
113	2010	Parker House Rd / Noble	Installation of culvert under Oak Street	Scoping	\$ 21,000	38	20
114	2010	Stafford Tax Ditch Main Bank Stabilization / Hale	Approx. 100' of bank stabilization	Scoping	\$ 41,000	35	18
115	2010	Walley Lane / Glen Jones Drainage Improvements	Approx. 3,000' of ditch reconstruction	Scoping	\$ 11,000	39	21
116	2010	Woodenhawk Tax Ditch P4 Bank Stabilization / Lecates	Stabilization of tax ditch near Sawmill Road	Scoping	\$ 15,000	35	19
117	2010	Chesapeake Bay Watershed Channel and Wetland Restoration Projects	Small channel and wetland restoration projects	Scoping	\$ 105,000	35, 36, 37, 39, 40, 41	18, 19, 20, 21

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
118	2011	Bacons Way / Shawnee Place / Bacon	Cleanout approximately 1,000' of road ditch and replace 3 driveway pipes	Scoping	\$ 16,000	35	18
119	2011	Murphy Lane / Helen Carter Drainage Improvements	Approx. 1,000' of new ditch through woods into Redden Tax Ditch	Scoping	\$ 21,000	36	19
120	2011	Oakridge Development (Rd 258) / Foley Drainage Improvements	Construct outlet for pre-stormwater infiltration pond	Scoping	\$ 126,000	20	6
121	2011	S. Union Church / John Falk Drainage Improvements	Approx. 3,000' of storm drain	Scoping	\$ 160,000	35	18, 19
122	2011	Scotland Rd / Sabatrie Singh Drainage Improvements	Approx. 1,000' of storm drain along Scotland Rd.	Scoping	\$ 63,000	40	21
123	2011	Shawnee Rd / Donald Bolton Drainage Improvements	Approx. 4,000' of ditch reconstruction, 700' of storm drain, and 300' of new ditch	Scoping	\$ 60,000	35	18
124	2011	Woods Drive / Carolyn Ludwig Drainage Improvements	Plan, design, and construct drainage system in development.	Scoping	\$ 210,000	14	6
125	2012	Governor Stockley Rd / McCray Drainage Improvements	Reconstruct approx. 1,500' of ditch	Scoping	\$ 21,000	41	19
126	2010	Morgan Branch Road / Davenport Drainage Improvements	Reconstruct approx. 1,000' of channel outlet	Scoping	\$ 30,000	39	21
127	2013	Deer Forrest Rd / Price Drainage Improvements	Approx. 1,700' of pipe and catch basins	Scoping	\$ 525,000	35	19
128	2013	Elliott-Evans TD/ Evans Bank Stabilization	Approx. 700' of bank stabilization/stream restoration on lower end of main ditch	Scoping	\$ 210,000	40	21
129	2013	Line Rd / Lee Drainage Improvements	Agriculture drainage	Scoping	\$ 53,000	40	21
130	2013	North Oak Grove Rd / Willin Drainage Improvements	Reconstruct approx. 5,000' of existing agricultural drainage ditch	Scoping	\$ 28,000	39	19
131	2013	Shawnee Rd / Cummings Drainage Improvements	Culvert under Shawnee Rd and tie into Young-Patterson tax ditch	Scoping	\$ 27,000	35	18
132	2013	Town of Bridgeville / Mill Street Drainage Improvements	Installation of new catch basin and approx. 200' feet of storm drain.	Scoping	\$ 35,000	35	19
133	2013	Town of Millsboro / West State Street Drainage Improvements	Provide drainage outlet to Millsboro Little League with storm drain from little league to Millsboro Pond	Scoping	\$ 265,000	41	20
134	2014	Town of Millsboro / Wilson Hwy Drainage Improvements	Approx. 500' of storm drain replacement along Wilson Hwy.	Scoping	\$ 360,000	41	20
135	2014	Town of Oceanview / Atlantic Ave. Drainage Improvements	Improvements to stormwater management plan outlet along Atlantic Ave. (S026)	Scoping	\$ 65,000	38	20
136	2014	Beaverdam Rd / Hollymount Rd	Approx. 2000' of ditch regrading and piping. Addition of cross road pipes under road. (Barnes)	Scoping	\$ 52,000	20	6
137	2014	Burbage Rd / Mark Brown Drainage Improvements	Approx. 1,000' of open ditch.	Scoping	\$ 13,000	38	20
138	2014	Evans Real Estate Drainage Improvements	Approx. 60' of pipe and catch basin	Scoping	\$ 20,000	38	20
139	2014	Murray Estates Drainage Improvements	Repair and replacement of existing stormwater management infrastructure.	Scoping	\$ 32,500	38	20
140	2014	Vines Creek / Cathell Drainage Improvements	Clearing and snagging trees along Vines Creek.	Scoping	\$ 32,500	41	20
141	2014	Plantation Park / Silver Woods Public Ditch	Dip out of approx. 5,300' of ditch	Scoping	\$ 106,000	38	20
142	2014	City of Seaford / Virginia Ave (S639) Drainage Improvements	Stormwater management system upgrades	Scoping	\$ 75,000	39	21
143	2014	Yacht Basin Rd / Ellis Drainage Improvements	Dip out and reconstruction of approx. 1,800' of public ditch	Scoping	\$ 36,000	38	20
144	2014	Chapel Branch Prong / Lare	Dip out of approx. 7,300' of prong	Scoping	\$ 73,000	39	19
145	2014	Poplar Grove / Forest Rd Drainage Improvements	Upgrade stormwater management system to subdivision and Forest Rd. (S292)	Scoping	\$ 315,000	20	6
146	2014	Brasures Branch TD / Rickards Bank Stabilization	Bank stabilization of tax ditch	Scoping	\$ 35,000	38	20
147	2015	Anchorage Canal Drainage Area Highway Wetpond Stormwater Retrofit	Stormwater Retrofit to existing wetponds	Scoping	\$ 750,000	38	20
148	2015	Anderson Corner Rd / Giove Drainage Improvements	Dip out of approx. 500' of ditch and removal of large vegetation	Scoping	\$ 6,500	20	19
149	2015	Branchview / Niblett Phase II	Repair approx. 1,200' of existing corrugated metal pipe stormdrain in Branchview Development	Scoping	\$ 60,000	39	20
150	2015	Bunting Road - Buckalew Drainage Improvements	Install 1,500' of drainage from low area out to Pepper Creek.	Scoping	\$ 100,000	41	20
151	2015	Club House Rd / Hutson Drainage Improvements	Creation of ditch in backyards to outlet residential low spot to Derrickson Canal Tax Ditch.	Scoping	\$ 3,500	38	20
152	2015	Ellendale Tax Ditch/Beach Hwy Rt.16 / Wyatt Drainage Improvements	Drainage improvements to Ellendale Tax Ditch.	Scoping	\$ 25,000	36	18
153	2015	Hunter Drive / McGinnis Drainage Improvements	Drainage Improvements to failed infiltration pond	Scoping	\$ 36,000	20	6

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
154	2015	Little Bay Tax Ditch Restoration	Approx. 100' of bank stabilization and creation of a floodplain along Prong 1.	Scoping	\$ 35,000	38	20
155	2015	Mallard Lakes Drainage Improvements	Drainage improvements to community of Mallard Lakes	Scoping	\$ 200,000	38	20
156	2015	McColley Street/Stevens Drainage Improvements	Drainage improvements to the residences between McColley, Gilcrest, and Marshall Streets	Scoping	\$ 2,500	36	18
157	2015	Peddler's Village - DelDOT Drainage Improvements	Drainage improvements to existing infrastructure.	Scoping	\$ 50,000	14	6
158	2015	Overbrook Shores/Moore Drainage Improvements	Install catch basins and culverts under the driveways with an outfall at the marina.	Scoping	\$ 34,000	20	6
159	2015	Sherwood Forest /Jackson / Dawson	Stormwater management pond retrofit and conveyance from strip lots along Rt. 24	Scoping	\$ 30,000	37	19
160	2016	Crazy Ln & 5th St - Stinson Drainage Improvements	Drainage improvements to Bay Vista subdivision.	Scoping	\$ 20,000	14	6
161	2016	Highland Acres Drainage Improvements	Drainage improvements to Highland Acres subdivision.	Scoping	\$ 50,000	20	6
162	2016	Sea Aire Village - Kings Creek Drainage Improvements	Drainage improvements within Sea Aire Village and connection of blind ditch to outlet.	Scoping	\$ 50,000	14	6
163	2016	Swedes & Bayard Streets - Dewey Beach - Yorgiadis Drainage Improvements	Drainage improvements to outlet drainage from intersection and residential lots.	Scoping	\$ 25,000	14	6
164	2014	Longneck / Christina Hall Drainage Improvement	Install approx. 250' of open drainage to stormwater management plan	Scoping	\$ 9,750	37	19
165	2015	Ward Cordrey TD P3 Drainage Improvements	Re-install pipes and dip-out approx. 1,650' of channel to provide positive outfall to Prong 3 of tax ditch.	Scoping	\$ 40,000	40	21
166	2018	Gravel Hill Rd / Kershaw	Approx. 1,200' of open ditch to improve drainage and relieve flooding on property and buildings; catch basin nearby. (S2017-70)	Scoping	\$ 12,000	36	19
167	2018	King George III Street / McFadden	Re-grading and new swales and possible pipe installation in development adjacent to Indian River High School. (S2017-124)	Scoping	\$ 25,000	41	20
168	2018	Manchester Manor / Navarro	Drainage improvements within the Manchester Manor Subdivision (S 2017-83)	Scoping	\$ 100,000		
169	2018	Pepper Creek TD Sub Prong 3 of 1 Relocation	Relocate and dip-out sub-prong 3 of prong to create outlet that was previously filled in by Savannah Square Shopping Center project.	Scoping	\$ 25,000	41	20
170	2018	Sussex Avenue / Allen St. /Dunn	Rain garden with connection into City of Seaford drainage system. (S2017-30)	Scoping	\$ 20,000	39	21
171	2018	Woodland Road / Massey	Approx. 1,000' of new ditch to connect to DelDOT drainage	Scoping	\$ 18,000	39	21
172	2019	Bethesda Road / Gaskins	Approx. 800' of storm drain to provide an outlet for properties east of Bethesda Rd.	Scoping	\$ 100,000	41	20
173	2019	Chapel Branch Road / Davis	Approx. 2,000' of new ditch through agricultural lands	Scoping	\$ 20,000	39	19
174	2019	Dennis Lane / Pocomoke Tax Ditch Main Bank Stabilization	Stabilization of areas upstream and downstream of Dennis Lane along the right bank.	Scoping	\$ 75,000	41	21
175	2019	Holly Branch Tax Ditch / Dunn	Piping approx. 850' of Holly Branch Tax Ditch along Horsey Church Road (S510)	Scoping	\$ 455,000	40	21
176	2019	Indian Beach Drainage Improvements	Reconstruction of tidal ditches that provide an outlet to Route 1 and the Indian Beach Community	Scoping	\$ 50,000	14	5
177	2019	Kent Avenue / Middlesex Beach Drainage Improvements	Drainage improvements in the community and the outlet for community along Kent Avenue to the canal.	Scoping	\$ 150,000	38	20
178	2019	Neals School Road / Jester Drainage Improvements	Reconstruction of approx. 850' of existing ditch near the intersection of Neals School Road and Hill Road	Scoping	\$ 7,500	39	19
179	2019	Pear Tree Rd / Cooper	Reconstruction of approx. 2,000' of ditch through agricultural lands and woods.	Scoping	\$ 40,000	41	21
180	2019	Route 54 / James Branch Tax Ditch / McKelvey Drainage Improvements	Improvements to Prong 1 of Jame Branch Tax Ditch to improve the outlet for Rt. 54	Scoping	\$ 40,000	40	21
181	2019	Savannah Ditch Drainage Improvements	Reconstruction of approx. 5 miles of channels in the Savannah ditch watershed. Provides drainage outlet to Sand Hill Rd, Route 9, and the Northeast Quadrant of Georgetown.	Scoping	\$ 500,000	36, 37, 20	19, 5

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

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182	2019	Sea Country Estates / Suter/ Barton Drainage Improvements	Reconstruction of approx. 4,000' of existing ditch between developments and internal drainage within Sea Country Estates	Scoping	\$ 75,000	38	20
183	2019	Walnut Street / Town of Frankford / Garcia Gusman	Reconstruction of approx. 1,000' of ditch North of Walnut Street in Frankford.	Scoping	\$ 30,000	41	20
184	2015	Unity Branch/Holly Lake Campground Watershed Study	Drainage studies and improvements in the Unity Branch watershed upstream of Rt. 24.	Scoping	\$ 100,000	20, 37	6, 19
185	2011	Mirey Branch / Wan Yu Bank Stabilization	Approx. 150' of bank stabilization needed on the right side of Mirey Branch and nearby roadway.	Scoping	\$ 32,000	40	21
186	2010	Inland bays Atlantic Ocean Watershed Channel and Wetland Restoration Projects	Small channel and wetland restoration projects	Scoping	\$ 105,000	14, 20, 37, 38, 40, 41	6, 19, 20, 21
187	2010	Delaware Bay Watershed Channel and Wetland Restoration Projects	Small channel and wetland restoration projects	Scoping	\$ 105,000	14, 20, 35, 36, 37	6, 18, 19
188	2011	Atlanta Devonshire Development / Tveekrem Drainage Improvement	Approx. 1000' of new ditch in the development	Scoping	\$ 21,000	39	21
189	2009	Norman Eskridge Highway / Lowes	Cleanout outlet ditch of Del DOT storm drain	Scoping	\$ 70,000	39	21
190	2014	Angola Rd / Maietti Drainage Improvements	Drainage improvements through Angola By the Bay Subdivision south of Angola Rd. (S277)	Scoping	\$ 650,000	14	6
191	2014	Bay Colony Marina Sluice Replacement	Dilapidated sluice	Scoping	\$ 260,000	38	20
192	2004	Concord Pond Road / Jenkins	Approx. 1,500' of new ditch	Scoping	\$ 35,000	35	19
193	2005	Sunset Branch T.D. Prong 1 Pipe	Install approx. 150' of pipe with inlet protection in Prong 1 of Sunset Branch Tax Ditch	Scoping	\$ 21,000	41	21
194	2003	Jones Mill Branch	Stream restoration	Scoping	\$ 126,000	35	19
195	2004	Collins Russell Rt 16 Milton	Infiltration system	Scoping	\$ 7,000	20, 36	19
196	2004	Sr.1 / Sea Colony	Outlet drainage for SR 1 in Bethany Beach	Scoping	\$ 215,000	38	20
197	2010	Town of Bethany North Pennsylvania Avenue Storm Drain	Restoration and reconstruction of storm drain on North Pennsylvania Ave.	Scoping	\$ 2,500,000	38	20
198	2005	Bay City Mobile Home Park Drainage Study	Drainage study for community	Scoping	\$ 42,000	37	19
199	2014	Lakeview Rd / Donna Lanham Bank Stabilization	Approx. 200' of bank stabilization east of bridge.	Scoping	\$ 52,000	41	21
200	2012	Revel Road / DelDOT Drainage Improvements	Approx. 500' of new ditch and culvert under road	Scoping	\$ 100,000	41	20, 21
201	2004	Joe Dailey New Rd Lewes	Installation of 24" x 1,500' of pipe with catch basins	Scoping	\$ 25,000	20	6
202	2014	Rt. 30 Whitesville Rd / Philips Drainage Improvements	Replacement of failing catchbasin south of Whitesville Rd (S064).	Scoping	\$ 6,500	40	21
203	2006	Mayer Branch Public Ditch	Channel reconstruction of Mayer Branch where it outlets to Maryland	Scoping	\$ 210,000	40	21
204	2012	Dewey Beach Drainage Study	Drainage study	Scoping	\$ 35,000	14	6
205	2007	Route 9 / Britt Drainage Improvements	Approx. 1,000' of channel reconstruction	Scoping	\$ 14,000	40	19
206	2007	Cotton Patch Hills Drainage Improvements	Installation of approx. 500' of stormdrain to provide an outlet for Cotton Patch Hills and SR 1	Scoping	\$ 75,000	38	20
207	2007	Cool Spring Road / Swift Drainage Improvements	Reconstruct approx. 2,500' of an existing ditch that provides an outlet for Coolspring Road.	Scoping	\$ 21,000	37	18
208	2007	Patty Cannon Estates drainage improvements	Provide outlet for existing residential development	Scoping	\$ 70,000	40	21
209	2008	Rt 13A / Skateworld	Approx. 500' feet of stormdrain installation	Scoping	\$ 82,000	39	21
210	2017	Dartmouth Drive Congestion Relief Project / DelDOT	Stormdrain improvements for the relief route between Dartmouth Drive and SR1	Scoping	\$ 25,000	14	6
211	2007	Deep Hole Tax Ditch Maintenance Dipout	Maintain approx. 3 miles of tax ditch	Scoping	\$ 115,000	38	20
212	2008	Meadow Branch Tax Ditch Maintenance Dipout	Dipout of Tax Ditch approx. 24 miles	Scoping	\$ 275,000	40	21
213	2008	Marshyhope Tax Ditch Maintenance Dipout	Dipout of Tax Ditch approx. 13 miles	Scoping	\$ 140,000	35, 30	16, 19
214	2013	Falling Point Rd / Witmer Drainage Improvements	Replacement of approx. 120' of 24" stormdrain and removal of sediment from lagoon	Scoping	\$ 42,000	38	20
215	2011	Sand Hill Rd / Thelam Folke Drainage Improvements	Approx. 6,000' of ditch reconstruction	Scoping	\$ 26,000	36	19
216	2005	Cart Branch Main / Alan Pongratz	Bank stabilization project	Scoping	\$ 35,000	35	18
217	2005	Rt. 24 (Millsboro) / Kathy McGinnis	Install approx. 1,500' of pipe and catchbasins	Scoping	\$ 70,000	41	20
218	2012	Donovan Rd / Mifflin TD / DelDOT Drainage Improvements	Extend Mifflin Tax Ditch or construct new ditch approx. 1,500' to Donovan Road	Scoping	\$ 25,000	37	19
219	2014	Clogg Drive & Thorogoods Rd (S333) Drainage Improvements	Approx. 1,800' of channel maintenance	Scoping	\$ 21,000	41	20
220	2014	Munchy Branch Rd/Griffith Drainage Improvements	Approx. 1,300' of pipe and ditch regrading.	Scoping	\$ 80,000	14	6

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
221	2011	Marks Lane / Sally Marks Drainage Improvements	Approx. 5,280' of stormdrain installation	Scoping	\$ 525,000	37	19
222	2010	Doddstown Rd / Rich	Approx. 0.75 miles of stormdrain installation and open ditch construction	Scoping	\$ 275,000	20	19
223	2005	Road 442 / Jay Challman	Approx. 4,400' cleanout, minimal clearing, incorporate Rd. 74 Ciampo project	Scoping	\$ 135,000	40	21
224	2015	Bay Colony - Cripple Creek Drainage Improvements	Drainage improvements to structures within the Bay Colony and Cripple Creek subdivisions.	Scoping	\$ 550,000	38	20
225	2014	Town of Oceanview / Caroline St. Drainage Improvements	Approx. 2,000' of drainage improvements.	Scoping	\$ 39,000	38	20
226	2008	River Rd / Clark Drainage Improvements	Approx. 1,500' of new ditch and replace 12 driveway pipes	Scoping	\$ 35,000	39	21
227	2011	Neptune Rd / Luther Warren Drainage Improvements	Install approx. 600' of stormdrain to tie DelDOT drainage into Redden Wood Development stormwater system	Scoping	\$ 80,000	36	19
228	2010	Webb Farm Road (594) / Rose	Clean out approx. 900' of ag ditch	Scoping	\$ 7,000	35	18
229	2002	Columbia Ave. (Rehoboth), Surf Ave. / Phase III	Extend the drainage system on Surf Avenue up Colombia Avenue to the intersection at First Street	Scoping	\$ 145,000	14	6
230	2004	Town of Georgetown	Drainage Projects within in the Town of Georgetown	Scoping	\$ 75,000	37	19
231	2007	Rehoboth Beach / Stockley Street	Ocean block of Stockley to King Charles	Scoping	\$ 975,000	14	6
232	2020	Airport Road/Hearn	Placeholder while project is being developed (DC S2018-338)	Scoping	\$ 1,000	39	21
233	2020	Branch Acres/Taylor	Approx. 450' of new ditch construction and approx. 1,000' of channel reconstruction	Scoping	\$ 35,000	41	20
234	2020	Brickyard Road/Hearn	Approx. 1,700' of ditch maintenance that borders Mobile Gardens Mobile Home Park (DC S2018-355)	Scoping	\$ 1,000	39	21
235	2020	Byard Road/Langenfelder	Approx. 1,600' of channel reconstruction	Scoping	\$ 1,000	38	20
236	2020	Cedar Neck Road/Bullock	Approx. 5,000' of ag ditch maintenance, installation of approx. 1,500' of new stormdrain, and construction of approx. 800' of new ditch.	Scoping	\$ 200,000	36	18
237	2020	Clam Avenue/Brittingham	Drainage improvements in Beachwood Development	Scoping	\$ 1,000	38	20
238	2020	Gordy Road/Chapman	Placeholder while the project is being developed (DC S2018-259)	Scoping	\$ 1,000	40	21
239	2020	Lisa Avenue/Kaufman	Approx. 1,000' of channel reconstruction, approx. 400' new ditch (DC S2019-248), replacement of crossroad pipe (DC S2018-346 S2019-248)	Scoping	\$ 35,000	38	20
240	2020	Morgan Drive/Gale	New swale construction and driveway pipe installation. Approx. 1,000' of ditch cleanout	Scoping	\$ 25,000	35	18
241	2020	Nelsa Lane/Valente	Addition to the scope of Oak Orchard/Oak Meadows	Engineering	\$ 75,000	37	20
242	2020	Old Stage Road watershed study	Flood study of Cooper Branch tributary to Broad Creek	Scoping	\$ 60,000	40	21
243	2020	Paradise Road/Richardson	Approx. 7,000' of channel reconstruction	Scoping	\$ 75,000	40	19
244	2020	Rehoboth Manor/ Difrancesco	New street drainage on Canal and Bay Streets and rehabilitation of existing storm drains for approx. 930' (DC S2019-13)	Scoping	\$ 150,000	14	6
243	2020	Route 5/Thompson	Replacement of private crossroad pipe on Rock Switch Street and ditch cleanout.	Scoping	\$ 20,000	20	18
246	2020	Smithfield Acres/Lyons	Emergency addition to replace pipe under Smith Avenue and ditch cleanout.	Planning	\$ 21,000	38	20
247	2020	Spicer Road/Baynes	Approx. 4,500' of channel reconstruction	Scoping	\$ 75,000	36	18
248	2020	The Glade/August	Approx. 1,000' of channel reconstruction and replacement of 8 driveway pipes.	Planning	\$ 35,000	14	6
249	2020	Warwick Park/Fowler	Solve multiple drainage issues and rehabilitate storm drain within the community	Scoping	\$ 200,000	41	20
250	2020	Cannon Road/Cancel	Reconstruct approx. 1,500' of open ditch connecting to Bucks Branch Tax Ditch	Scoping	\$ 15,000	39	19
251	2020	Cross Keys Road/Messick	Approx. 4,500' of dipout and new ditch construction (DC S2019-376)	Scoping	\$ 60,000	41	21
252	2020	Denton Manor/Jensen	Approx. 2,000' of channel reconstruction. Replacement of culvert and storm drain along Railway Avenue. Reconstruction of drainage network inside of Denton Manor	Planning	\$ 225,000	38	20

Prioritized Approved Resource Conservation and Development Projects

21st Century Fund

Sussex County

Rank	Year	Project	Remarks	Status	Estimated Total Cost	Representative District	Senatorial District
253	2020	Gordy Road/Littleton	Reconstruct approx. 2,100' of agricultural drainage ditch. (DC S2019-249)	Scoping	\$ 30,000	40	21
254	2020	Magnolia Street Drainage / Town of Milton	Town of Milton project to improve the drainage of Magnolia Street and the Municipal parking lot.	Planning	\$ 150,000	20	6
255	2020	Midpark/Pertuccy	Installation of stormdrain system in development. Potential streetscape project	Scoping	\$ 200,000	14	6
256	2020	N. Union Church Rd. / Fitzgerald / Evans	Approx. 15,000' of ditch reconstruction and replacement of pipes. (DC S2019-205)	Scoping	\$ 100,000	35	18
257	2020	Quaint Acres / VanBergen / Pusey Drainage Improvement	Reconstruct approx. 2,000' of drainage swales and road crossings in the development. This project ties into the upper end of Sub 1 of Prong 3A (DC S2018-294 & S2019-327)	Scoping	\$ 75,000	38	20
258	2020	Shiloh Rd / Semat	Roadside drainage improvements and expansion of L&W Tax Ditch (DC S2019-241)	Scoping	\$ 50,000	40	21
259	2020	South Hampton / McCabe Tax Ditch	Replacement of 6 private cross road pipes in the South Hampton Development.	Scoping	\$ 150,000	38	20
260	2020	Wil King Road / Thomas	Approx. 2,000' of new ditch to provide an outlet to the northern end of Wilking Road. (DC S2019-355)	Scoping	\$ 25,000	14	6
261	2020	Wilson Hill Road / Klingensmith	Reconstruct approx. 4,500' of open ditches that outlet to Mifflin Tax Ditch (DC S2019 - 293)	Scoping	\$ 50,000	35	19
SUBTOTAL - Sussex County Active Projects					\$ 35,265,750		

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Appendix D
Proposed FY 2021 RC&D Projects

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Proposed FY 2021 Resource Conservation and Development Projects

21st Century Fund

New Castle County – 6/1/2020

Project	Remarks	Estimated Total Cost	Representative District	Senatorial District
4704 Old Capital Trail	Placeholder	\$ 15,000.00	19	9
1071 Alley Mill Rd.	Placeholder	\$ 50,000.00	11	14
Absalom Jones Community Center Drainage	Placeholder	\$ 600,000.00	19	9
Academy Hills - 7 & 9 Oklahoma State Drive	Placeholder	\$ 30,000.00	25	10
Alban Park I Tax Ditch Improvements	Install closed drainage system	\$ 18,000.00	2	3
Ardencroft - Harvey Road and Upper Greenbrier Road Intersection	Remove and replace curb	\$ 11,000.00	7	5
Berkshire - Braken Avenue	Placeholder	\$ 150,000.00	22	4
Blackbird Forest Road and Massey Church Road Ditch	Placeholder	\$ 60,000.00	11	14
Blackbird Landing Tax Ditch	Placeholder	\$ 30,000.00	9	14
Brandywine Park/The Point - N. Park Drive	Placeholder	\$ 50,000.00	4	4
Brandywine River Dam(s)	Remove dams	\$ 500,000.00	4	4
Breckenridge - 12 Balmoral Court	Placeholder	\$ 25,000.00	4	7
Brennan Berry Tax Ditch	Placeholder	\$ 50,000.00	11	14
Burn Brae - Highland Blvd	Clean and regrade ditch	\$ 13,500.00	5	13
Calverese Farms - 301 to 303 Caraway Drive	Placeholder	\$ 35,000.00	5	13
Caravel Farms - 307 Caravel Drive	Clean and regrade ditch	\$ 8,100.00	27	12
Caravel Farms - 31 Clipper Court	Clean and regrade ditch	\$ 23,000.00	27	12
Chatham - 2413 Graydon Road	Placeholder	\$ 25,000.00	6	5
Christina Hollow - Birchgrove Road	Placeholder	\$ 25,000.00	26	11
City of New Castle - 733 W. 12th Street	Install closed drainage system	\$ 69,600.00	16	12
Country Woods - 110 Country Wood Drive	Install closed drainage system	\$ 22,300.00	15	13
Dartmouth Woods - 35 Sturbridge Drive	Install closed drainage system	\$ 96,200.00	10	5
Dartmouth Woods - Abington Road	Install closed drainage system	\$ 39,400.00	10	5
Drummond Ridge Retaining Walls	Placeholder	\$ 175,000.00	21	9
Elmwood - 6 Majestic Drive	Install closed drainage system	\$ 38,500.00	24	9
Fairfax - 129 Devonshire Road	Placeholder	\$ 40,000.00	12	4
Forest Ridge - 201 Cunane Circle	Placeholder	\$ 25,000.00	25	10
Forwood Preserve Demonstration Project	Placeholder	\$ 250,000.00	6	5
Foult Woods - 2510 Deepwood Drive	Clean channel	\$ 63,400.00	7	5
Glasgow Pines - Ashkirk Place	Regrade area to drain.	\$ 8,500.00	15	12
Glen Bernie Estates - 104 Rothwell Drive	Clean and grade channel. Stabilize with rip rap.	\$ 39,600.00	19	9
Gray Acres - 248 East Flagstone Drive	Placeholder	\$ 60,000.00	26	11
Gray Acres - West Flagstone Drive	Placeholder	\$ 35,000.00	26	11
Graylyn Crest - 1005 to 1013 Crestover Road	Placeholder	\$ 80,000.00	6	5
Great Good Place - 2 Great Circle Road	Stabilize with rip rap	\$ 11,500.00	22	8
Hampton Pointe - Stonebridge Drive	Install closed drainage system	\$ 59,900.00	22	8
Harmony Hills - 534 Tamara Circle	Install closed drainage system	\$ 60,000.00	21	9
Harvey Run - 8 Philip Court	Install underdrain	\$ 42,700.00	7	1
Hickory Woods - 108 Dorothy Drive	Clean and grade ditch	\$ 22,500.00	27	12
Highlands of Heritage Park - 2716 & 2718 East Riding	Install closed drainage system	\$ 28,500.00	21	9
Independence School Stream Stabilization	Stream restoration	\$ 33,500.00	22	8
Kingsridge - 2331 Empire Drive	Install closed drainage system	\$ 27,800.00	7	5
Mariner's Watch Walking Path	Placeholder	\$ 550,000.00	15	12

Proposed FY 2021 Resource Conservation and Development Projects **21st Century Fund** **New Castle County – 6/1/2020**

Project	Remarks	Estimated Total Cost	Representative District	Senatorial District
Meeting House Meadow - 273 Pond Drive	Install closed drainage system	\$ 63,000.00	12	4
Melody Meadows - 14 Lullaby Lane	Regrade existing ditch.	\$ 24,500.00	27	10
Mendenhall Village - Cold Spring Circle	Grade and stabilize ditch	\$ 12,700.00	22	4
Montchan - Montchan Road	Placeholder	\$ 50,000.00	4	4
Pencader Tax Ditch	Placeholder	\$ 50,000.00	27	10
Post and Rail Farms - 101 Saddle Drive	Placeholder	\$ 35,000.00	8	10
Ramblewood - 1007 Timberwyck Road	Placeholder	\$ 25,000.00	10	5
Rolling Meadows - 911 & 913 Clydesdale Drive	Remove and replace failed pipe	\$ 30,000.00	15	12
Rolling Meadows - 307 Morgan Drive	Placeholder	\$ 20,000.00	15	12
Rose Hill - 24 Crimson King Drive	Placeholder	\$ 35,000.00	27	10
Sandom Branch Tax Ditch	Placeholder	\$ 50,000.00	11	14
Scottfield - 44 Woodfield Court	Install closed drainage system	\$ 63,300.00	24	11
Scottfield - Breezewood - Dawson Drive	Clean and grade ditch	\$ 90,000.00	24	11
Sharpley - 628 Halstead	Placeholder	\$ 25,000.00	12	4
Stone's Throw - 225-235 Cobble Creek Curve	Install inlet with underdrain	\$ 28,900.00	25	10
Tilton Park Drainage and Stormwater Management Design	Drainage improvements	\$ 175,000.00	4	3
Valley Run - 16 Thistle Court	Placeholder	\$ 40,000.00	10	5
Villa Monterey - Corinne Court	Placeholder	\$ 60,000.00	6	1
Weldin Farms - 9 & 11 Lombardy Drive	Placeholder	\$ 40,000.00	6	5
Westminster – Heritage Drive	Stream restoration	\$ 100,000.00	4	7
Westover Chase - 140 Moorfield Drive	Drainage improvements	\$ 49,600.00	12	4
Whethersfield - Dasher Avenue	Placeholder	\$ 60,000.00	18	13
Whethersfield - Daniels Court	Placeholder	\$ 25,000.00	18	13
Whethersfield - 67, 69, 71 Dasher Avenue	Install closed drainage system	\$ 50,400.00	18	13
White Clay Creek Dam Removal	Placeholder	\$ 500,000.00	23,24	8,9
Whitehall - 23 Auburn Drive	Install closed drainage system	\$ 61,500.00	18	13
Windybush - 136 Delview Drive	Replace damaged concrete gutter with rip rap	\$ 43,000.00	7	5
Windybush Stream Channel Study	Study	\$ 37,500.00	7	5
Wood Creek - 230 Barberry Drive	Install closed drainage system	\$ 30,900.00	21	4
Woodburne - 17 Richeson Drive	Install closed drainage system	\$ 18,300.00	5	13
Wynthorpe - 402 & 404 Wynthorpe Road	Install closed drainage system	\$ 49,600.00	17	12
Wynthrope - 39 Bancroft Road	Regrade swale	\$ 12,500.00	17	12
SUBTOTAL -New Castle County FY21 New Projects	75 Projects	\$ 5,553,200		
SUBTOTAL - New Castle County FY21 New Projects 21st Century Funds Required		\$ 4,997,880		

Proposed FY 2021 Resource Conservation and Development Projects
21st Century Fund
Kent County – 6/1/2020

Project	Remarks	Estimated Total Cost	Representative District	Senatorial District
Rt.-14 / Glanden	Approx. 800' of tile system	\$ 12,000.00	30	18
Banning Rd. / Maxwell	Approx. 2,000' of open ditch	\$ 50,000.00	34	16
Rt.-12 / Stopper	Approx. 4,000' of open ditch	\$ 50,000.00	30	15
Upper King Rd. / Johnson Phase II	Approx. 3,000' of open ditch	\$ 30,000.00	34	16
104 King Ct. / Divver	Approx. 1,500' of open ditch and pipes	\$ 60,000.00	30	18
Town of Farmington	Drainage outlets	\$ 80,000.00	30	16
Cheswold / Strimel	Approx. 1,000' of open ditch	\$ 12,500.00	29	15
Sportsman Rd. / Moore	Approx. 4,000' of open ditch	\$ 50,000.00	30	15
Marydel Firehouse	Approx. 400' of open ditch	\$ 5,000.00	11	15
Brookfield Dr. / DelDOT	Approx. 200' of open ditch	\$ 4,000.00	34	16
Jockey Hollow / Spiegelman	Approx. 5,000' of open ditch	\$ 25,000.00	11	15
SUBTOTAL - Kent County FY21 New Projects	11 Projects	\$ 378,500		
SUBTOTAL - Kent County FY21 New Projects		\$ 340,650		
21st Century Funds Required				

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Proposed FY 2021 Resource Conservation and Development Projects
21st Century Fund
Sussex County – 6/1/2020

Project	Remarks	Estimated Total Cost	Representative District	Senatorial District
Ross Station Rd. / Murphy	Dip out of a private ditch (350 ft.) that outlets a big area of roadside (Ross Station Rd.) drainage going back to the outlet at Herring Branch Tax Ditch (Main). S 2020-67 Murphy.	\$35,000.00	39	21
Lighthouse Rd. (Rt. 54) / Adkins	During the Rt. 54 expansion a stormwater pond was installed by Del-Dot and it outlets to a ditch that does not flow. The ditch borders a farm field and a development (Tea Berry Woods) and outlets to Roy Creek. This ditch would be considered tidal on the downstream end. Approx. 1,050' of dip out is needed on this ditch badly.	\$43,000.00	39	18
Phillips Ditch / Probert	Downed tree removal on a section of the ditch, sediment bar removal, and clear/grub near the outlet pipes. S 2020-102 Probert	\$25,000.00	41	20, 21
Picarello / Nicholas - Sanchez / Tranquility Lane	Connect private ditch to CB that outlets to Georgetown Vaughn TD - Prong 15. S 2018-387, S 2019-336, S 2020-20	\$27,000.00	37	19
Hudson Road Tax Ditch / Anicola	Drainage improvement to address drainage concerns in the vicinity of Prong 1 of the Hudson Road Tax Ditch.	\$100,000.00	20	6
Batson Branch Tax Ditch/ Prong 10	Drainage improvements to address deteriorated private piped section of Prong 10 of the Batson Branch Tax Ditch.	\$23,000.00	38	20
Town of Blades/ West Eighth Street	Install catch basin, approx. 20' of pipe, and 32' of curb to the catch basin.	\$9,500.00	39	19, 21
Spinnaker Court/Bay Harbor/Cannon	Repair of on street drainage collection/conveyance and repair/replacement of failing outfall pipe	\$20,000.00	14	6
Clendaniel Rd. / Fitzpatrick	Approx. 5,000' of existing ditch maintenance	\$40,000.00	18	35
Kovach / SW Milford Drainage Improvements	Cleanout and debris removal of approx. 3,000' of existing drainage course.	\$60,000.00	18	36
SUBTOTAL - Sussex County FY21 New Projects	10 Projects	\$ 382,500		
SUBTOTAL - Sussex County FY21 New Projects 21st Century Funds Required		\$ 344,250		